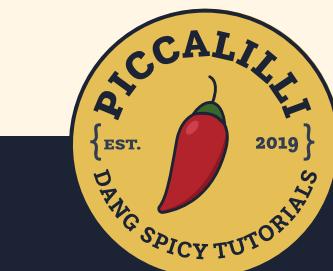
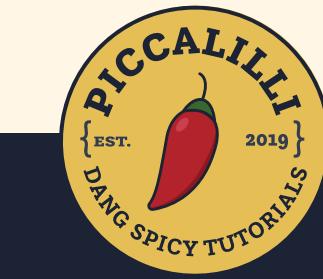


# CUBE CSS

*July 29th 2020*  
**#ViennaCalling**



# CSS Doesn't Scale!

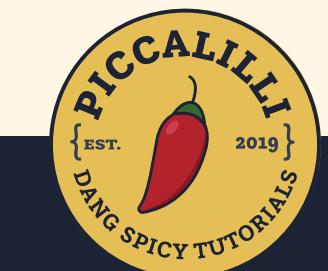


**Just use Tailwind**

**Just use Emotion**

**Just use Styled components**

**Just use CSS Modules**



Tailwind CSS default output:

**80,936 lines**  
**102kb weight**

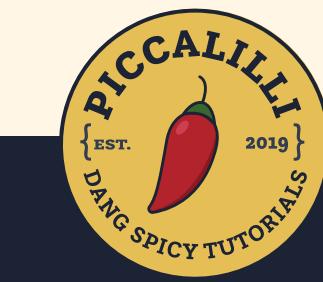
<https://unpkg.com/tailwindcss@1.4.6/dist/tailwind.css>



<https://piccalilli.li> | #CUBECSS

@hankchizljaw | @piccalilli\_

# npm init -y



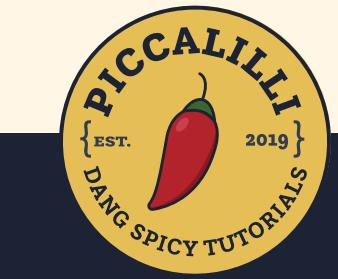
<https://piccalil.li> | #CUBECSS

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WordPress  
**36%**



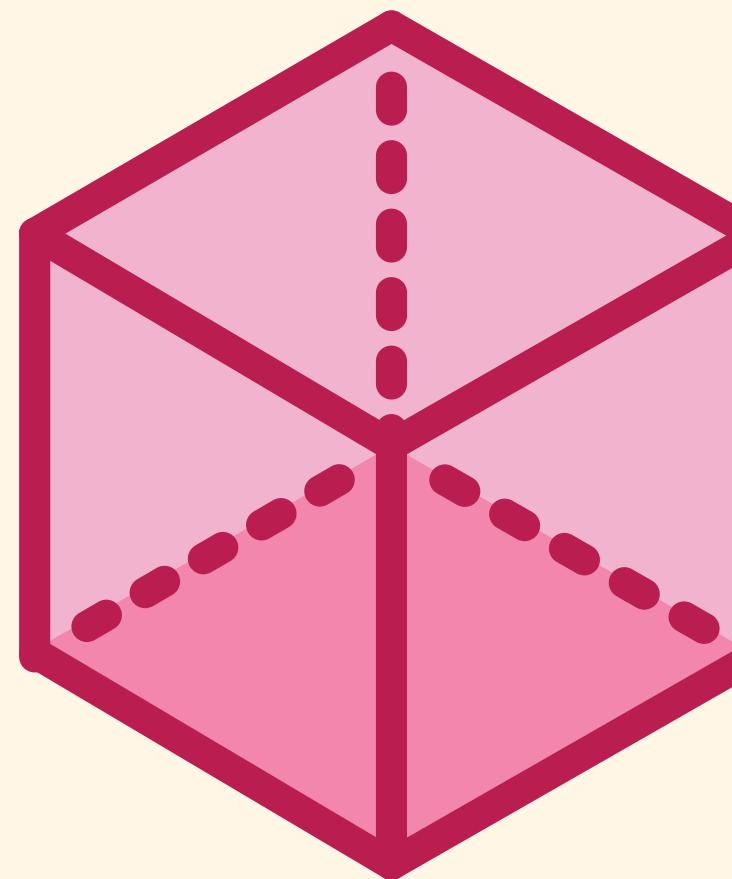
React JS  
**0 . 3%**



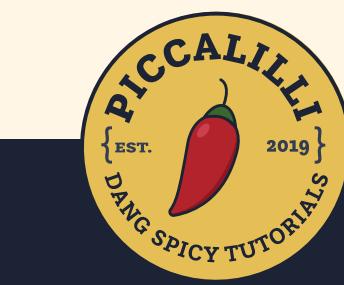
```
body {  
  content: "How Andy Does it"  
}
```



# CUBE



# CSS



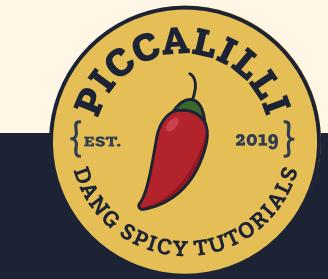
# What is CUBE CSS?



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# Composition Utility Block Exception



The “C” in CSS  
stands for  
“Cascading”



CSS + CUBE = ❤



# CSS

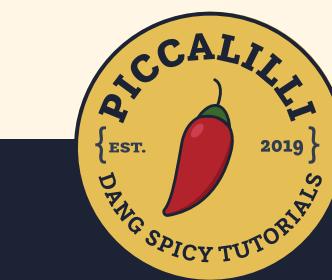


<https://piccalili.li> | #CUBECSS

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# CSS scales

## *Beautifully*



# CSS PROGRAMMER



<https://piccalil.li> | #CUBECSS

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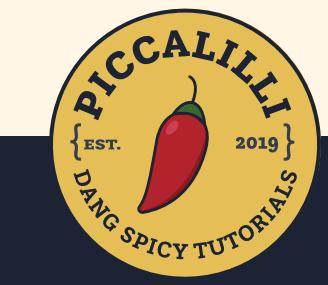
```
body {  
    background: #efefef;  
    color: #252525  
    line-height: 1.5;  
}
```

## CSS



# Progressive Enhancement

*for the win*

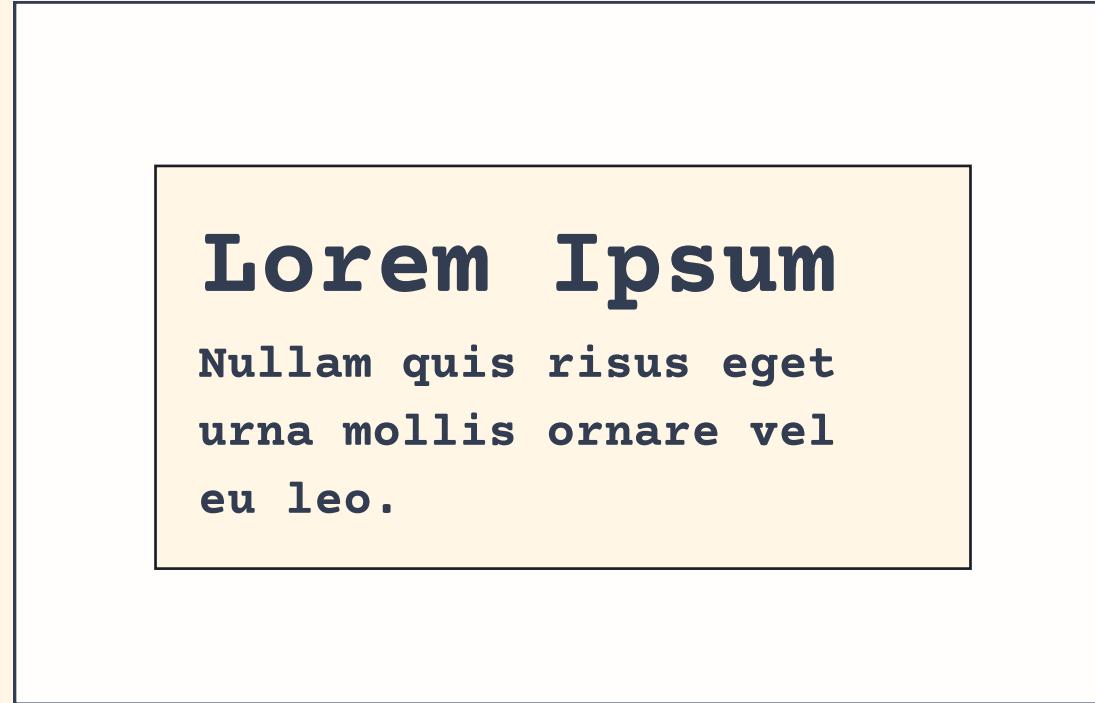


# Composition



<https://piccalil.li> | #CUBECSS

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**Micro**

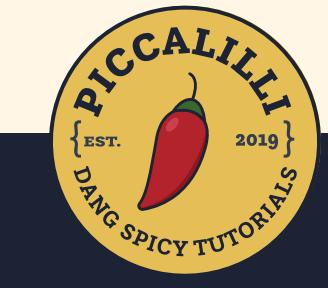


**Macro**

# Design System Work

*is often diplomacy work*

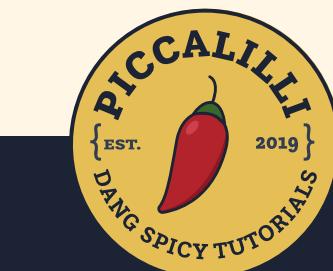




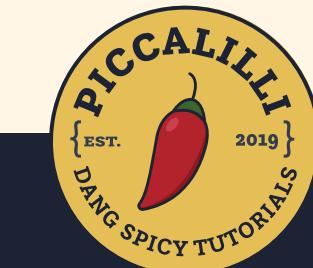
<https://piccalil.li> | #CUBECSS

@hankchizljaw | @piccalilli\_

- ✓ Provide high-level, flexible layouts
- ✓ Determine how elements interact with each other
- ✓ Create consistent flow and rhythm



- ✖ Provide visual treatment such as colour or font style
- ✖ Provide decorative styles such as shadows and patterns
- ✖ Force a browser to generate a pixel-perfect layout



Digital Marketing is our

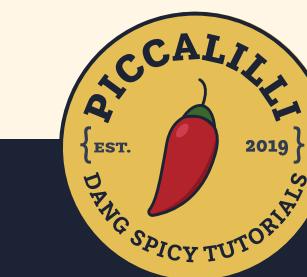
# Bread & Butter

Let us help you create the perfect campaign with our multi-faceted team of talented creatives.

[SEE OUR WORK](#)



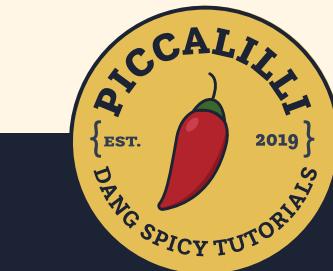
**This is an agency that  
doesn't actually exist.**





*Featuring Heydon Pickering*

**<https://every-layout.dev>**



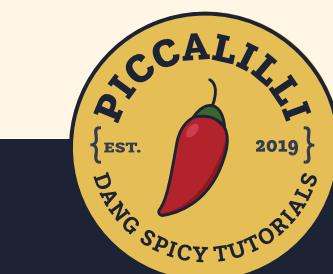


✓ Simplify and  
distill layout



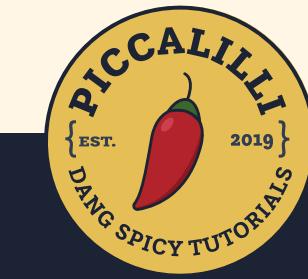


- ✓ Simplify and distill layout
- ✓ Hints & rules, rather than micromanaging





- ✓ Simplify and distill layout
- ✓ Hints & rules, rather than micromanaging
- ✓ Achieves solid, resillient layouts

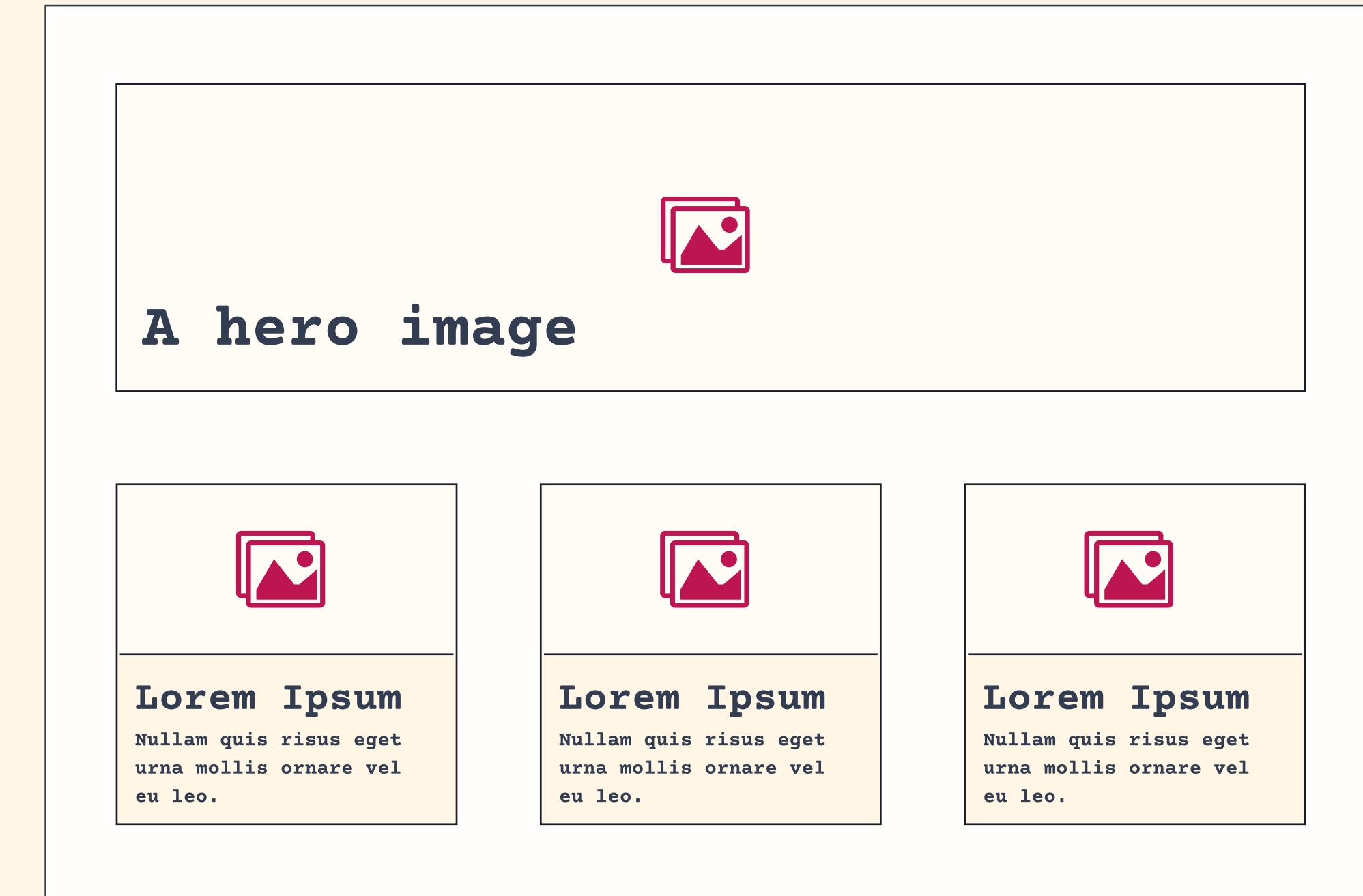


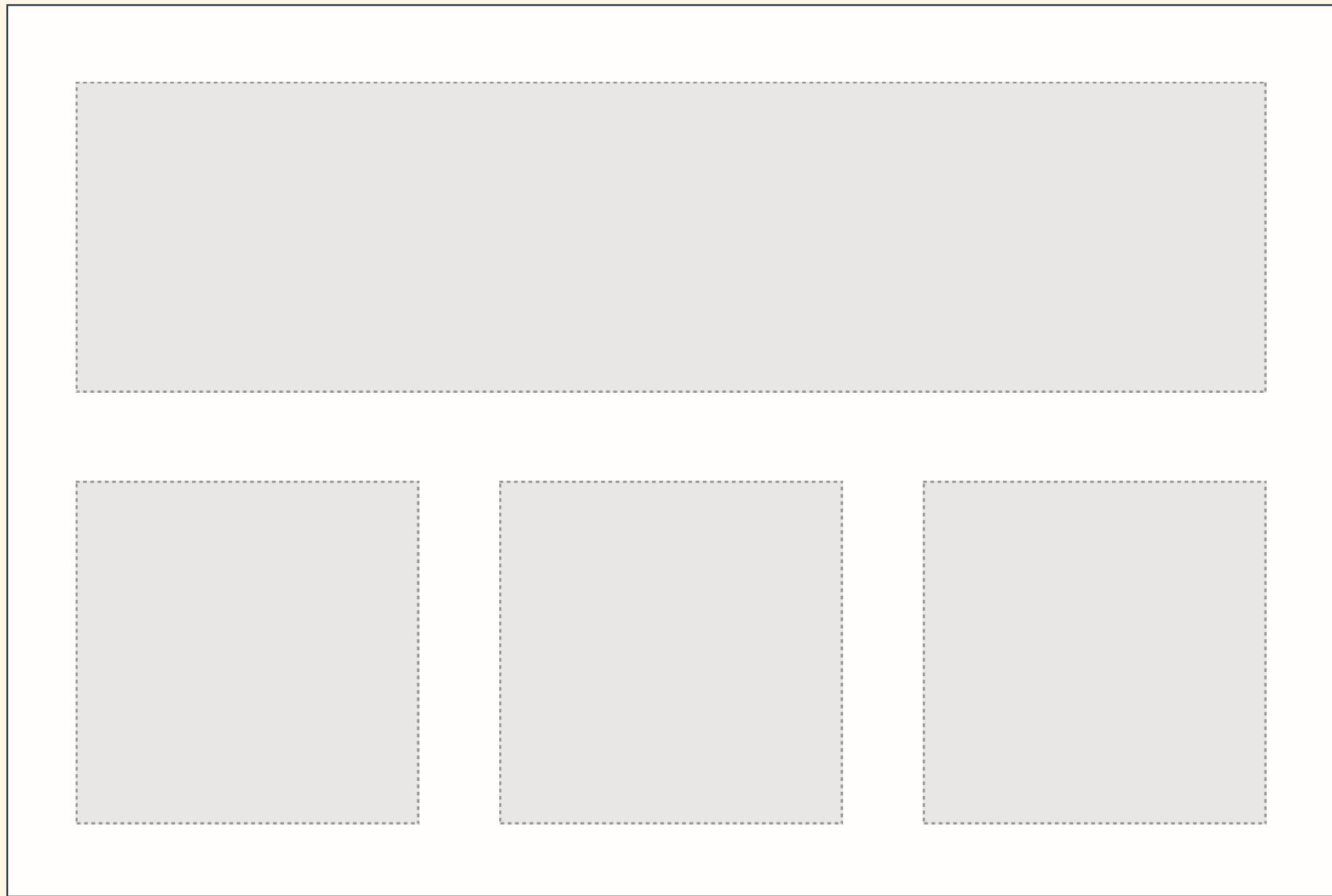


*Featuring Heydon Pickering*

**<https://every-layout.dev>**

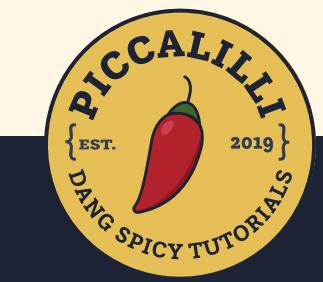
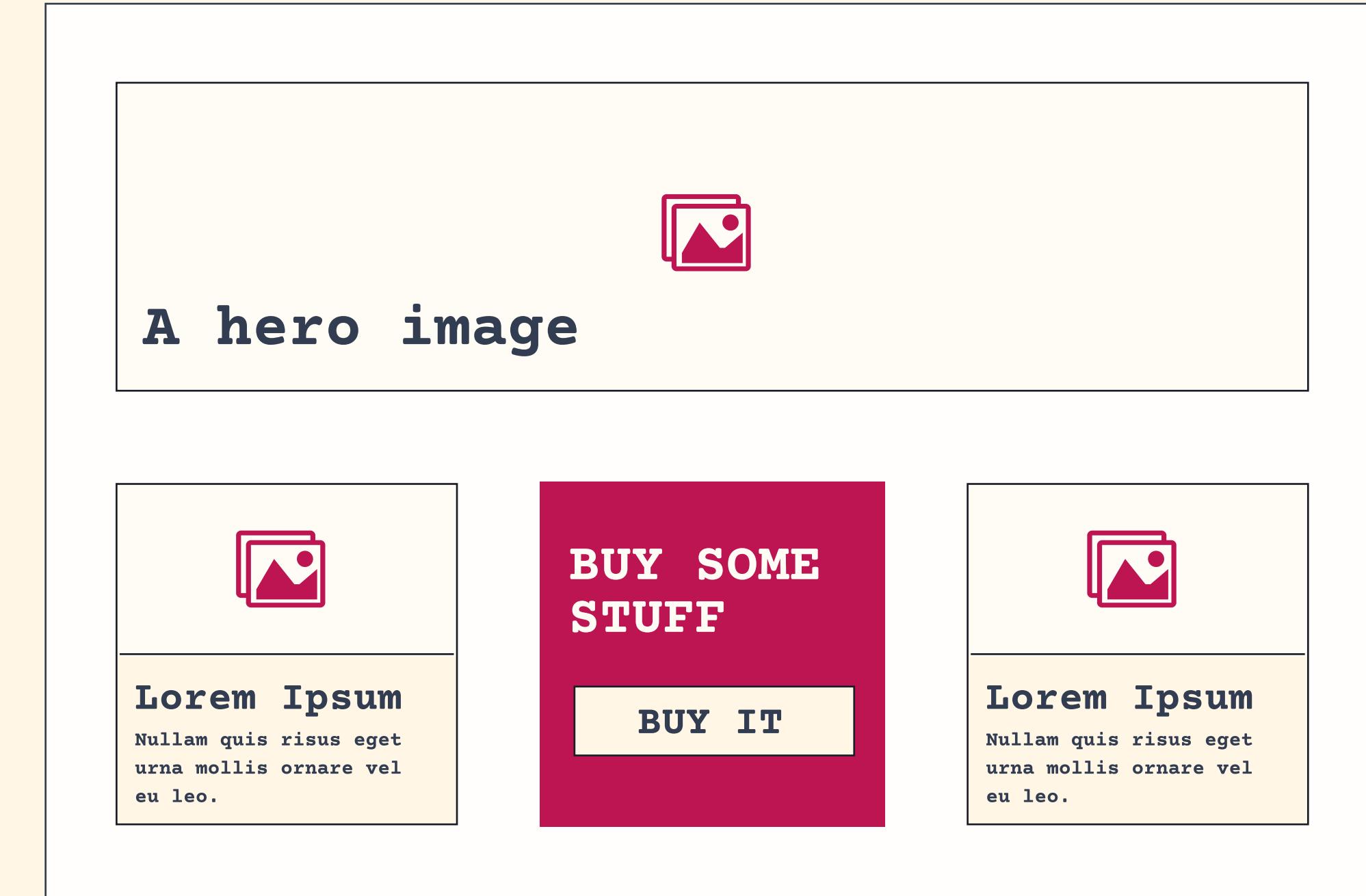


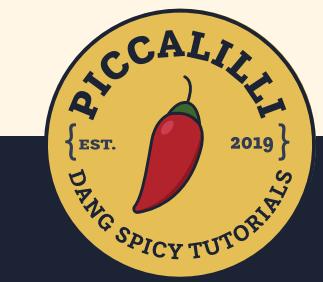




<https://piccalil.li> | #CUBECSS

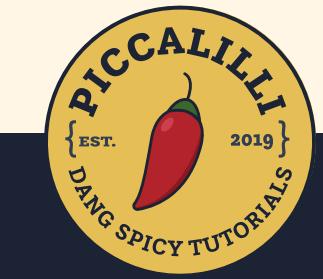
@hankchizljaw | @piccalilli\_





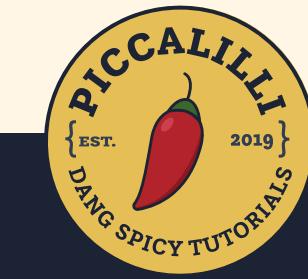
```
.flow > * + * {  
  margin-top: var(--flow-space, 1em);  
}
```

## CSS

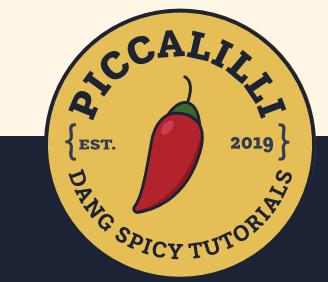


```
<article class="card">  
  <img class="card__image" alt="" />  
  <div class="[ card__content ] [ flow ]">  
    <!-- our content in here will auto-flow now -->  
  </div>  
</article>
```

## HTML



# Utility



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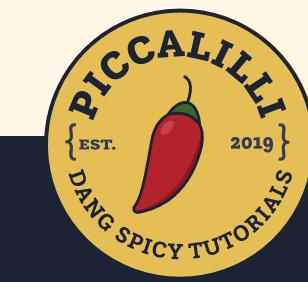


Image: [thedrum.com](https://thedrum.com)

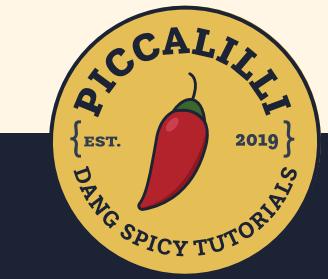


```
.wrapper {  
    margin-inline: auto;  
    padding-inline: 1rem;  
    max-width: 60rem;  
}
```

## CSS



# Design Tokens

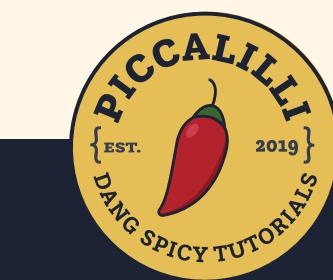


<https://piccalil.li> | #CUBECSS

@hankchizljaw | @piccalilli\_

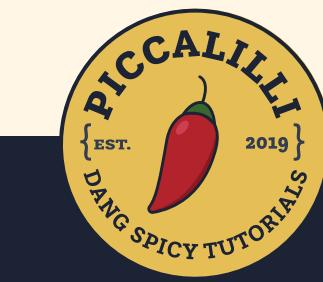
*“Design Tokens are the visual atoms of the design system – specifically, they are named entities that store visual design attributes. We use them in place of hard-coded values in order to maintain a scalable and consistent visual system.”*

@jina



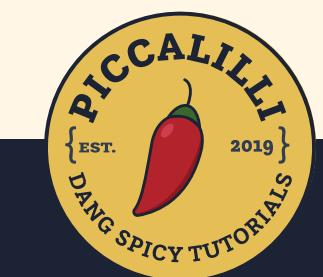
# Design tokens

*for scalable systems*



```
{  
  "colours": {  
    "primary": "#ff00ff",  
    "secondary": "#ffb881",  
    "base": "#252525"  
  }  
}
```

## JSON



```
.bg-primary {  
    background: #ff00ff;  
}  
  
.color-primary {  
    color: #ff00ff;  
}  
  
.bg-secondary {  
    background: #ffb8e9;  
}  
  
.color-secondary {  
    color: #ffb8e9;  
}
```

## CSS



```
<article class="bg-primary color-base"></article>
```

## HTML



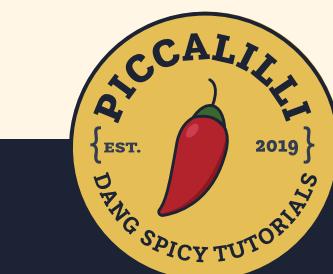
# Design tokens *mean light CSS*



- ✓ Apply a single CSS property, or a concise group of related properties
- ✓ Extend design tokens to maintain a single source of truth
- ✓ Abstract repeatability away from the CSS and apply it in the HTML instead



- ✖ Define a large group of unrelated CSS properties.
- ✖ Be used as a specificity hack.

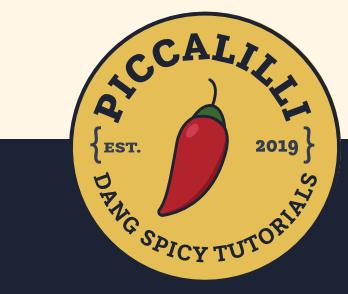
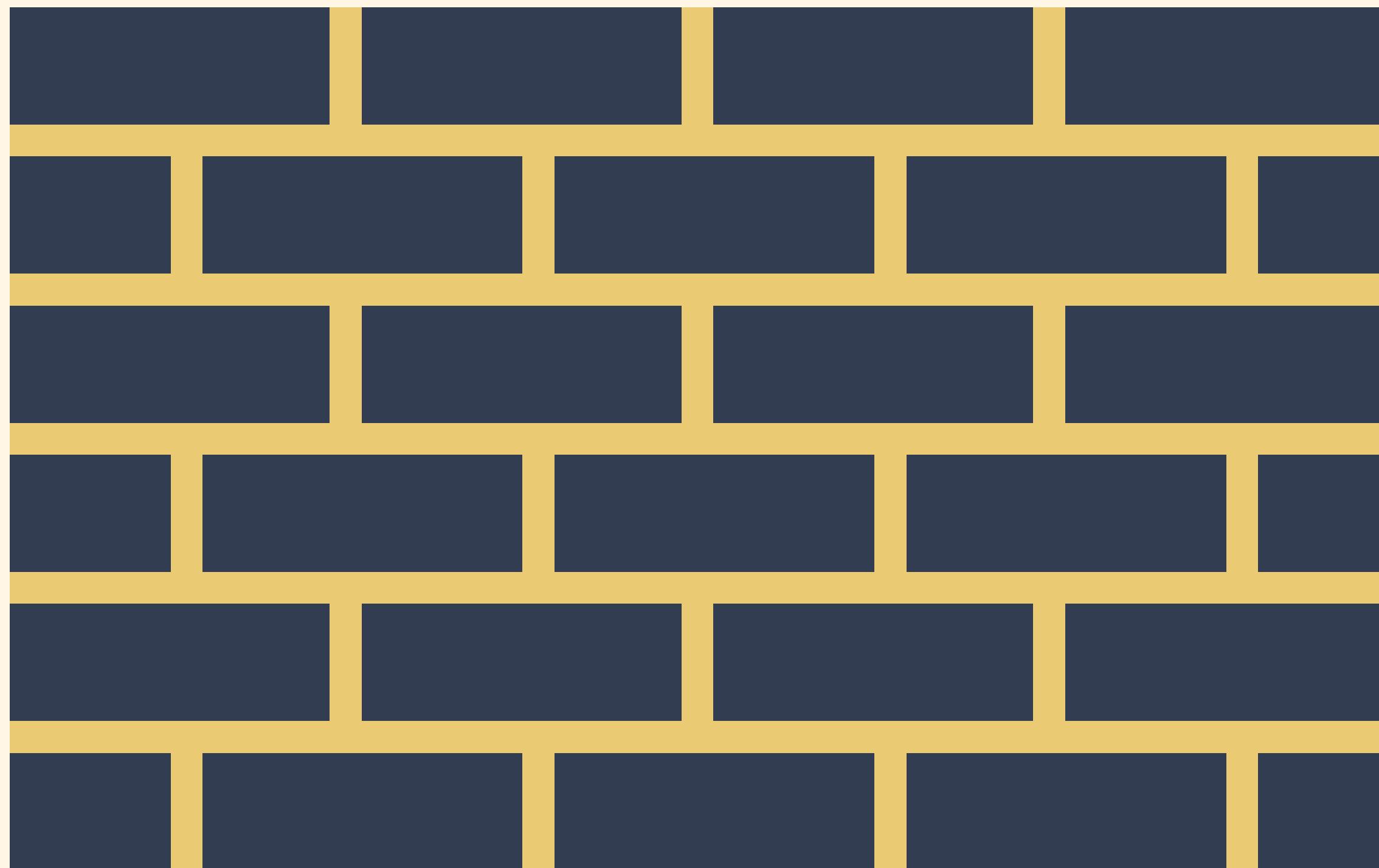


# Block



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<https://piccalil.li> | #CUBECSS

@hankchizljaw | @piccalilli\_



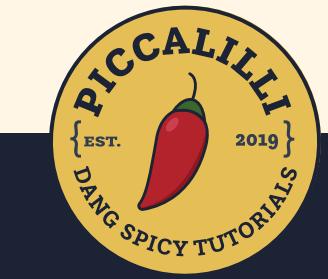
**CUBE CSS**



**BEM**



Bring your own  
opinions  
*(slightly risky)*



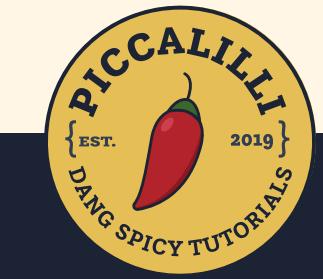
```
.my-block__my-element {  
    /* Cool CSS goes here */  
}
```

CSS

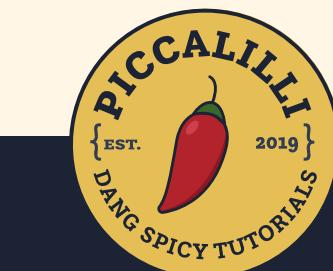


```
.my-block .title {  
    /* Cool CSS goes here */  
}  
  
.my-block h2 {  
    /* Cool CSS goes here */  
}
```

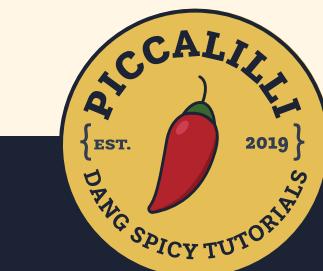
## CSS



- ✓ Extend the work already done by CSS, composition and utility
- ✓ Apply a collection of design tokens within a concise group
- ✓ Create a namespace or specificity boost



- ✖ Grow to anything larger than a handful of CSS rules (max 80-100 lines)
- ✖ Solve more than one contextual problem



# Exception



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@hankchizljaw | @piccalilli\_





```
<article class="card" data-state="reversed"></article>
```

## HTML

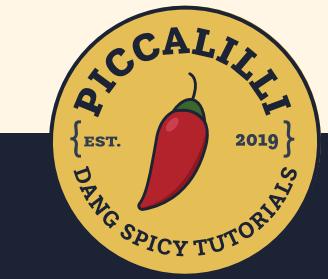


```
.card[data-state='reversed'] {  
    display: flex;  
    flex-direction: column-reverse;  
}
```

## CSS



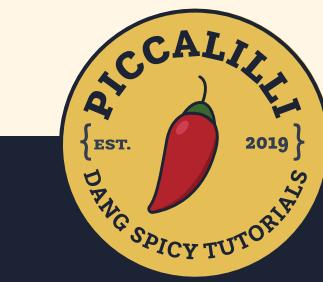
# Principles



<https://piccalil.li> | #CUBECSS

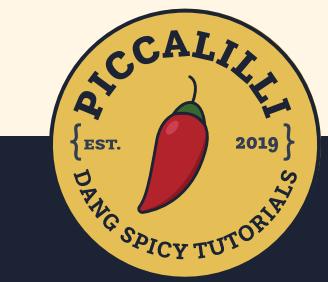
@hankchizljaw | @piccalilli\_

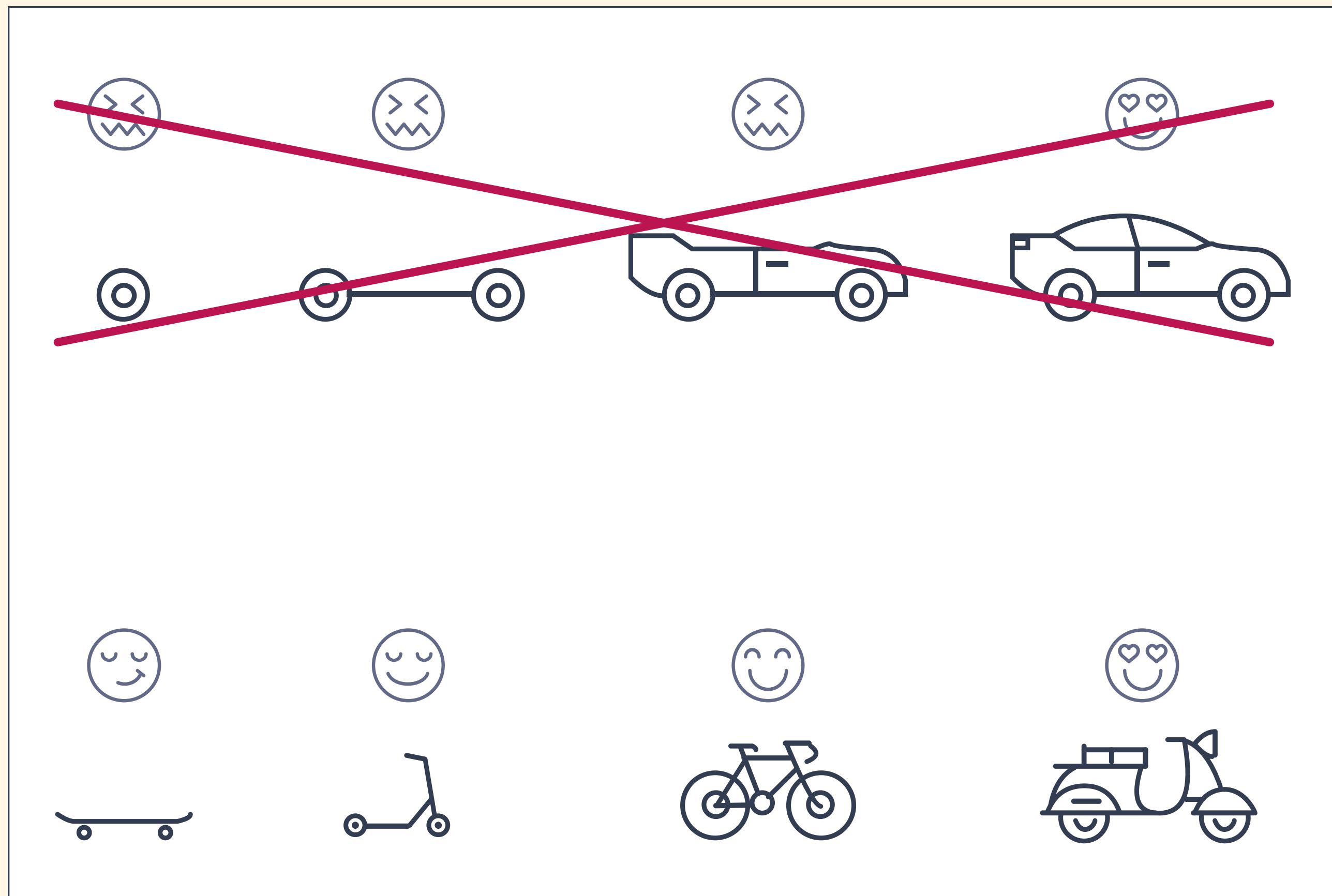
pls do this  
layout thx



# Progressive Enhancement

*for the win*



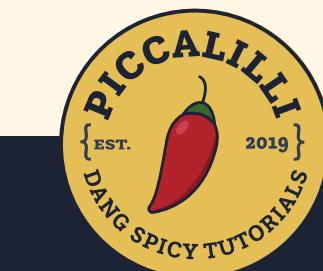


<https://swop.link/pe>



# Bye Bye AutoPrefixer

*we will not miss you*



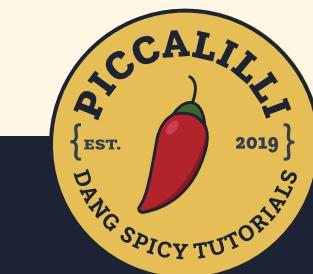
# Abstraction

*only when necessary*



Any technology is fine

*just keep the output light*



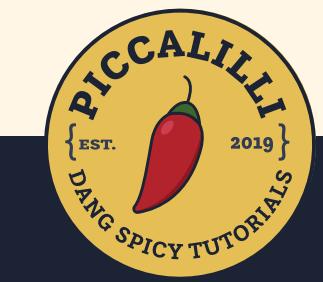
# Wrapping up



<https://piccalil.li> | #CUBECSS

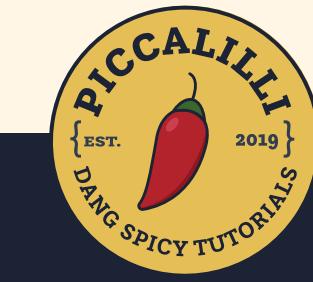
@hankchizljaw | @piccalilli\_

IT'S A LIE





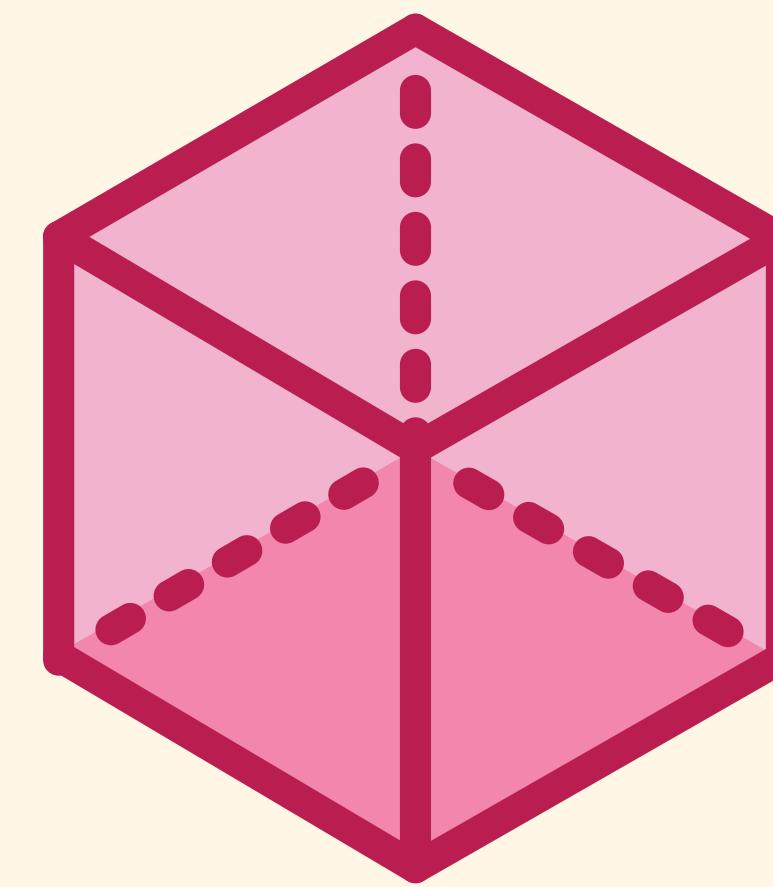
<https://piccalilli.li> | #CUBECSS



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# CUBE

<https://cube.fyi>



# CSS



<https://piccalilli.li> | #CUBECSS

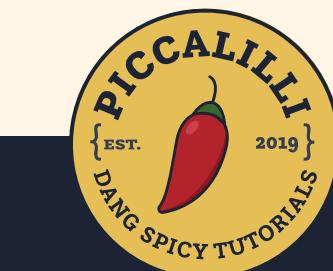
@hankchizljaw | @piccalilli\_

# Thank you



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<https://swop.link/11ty-cube>



Digital Marketing is our

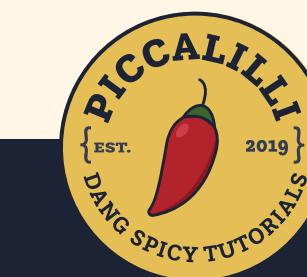
# Bread & Butter

Let us help you create the perfect campaign with our multi-faceted team of talented creatives.

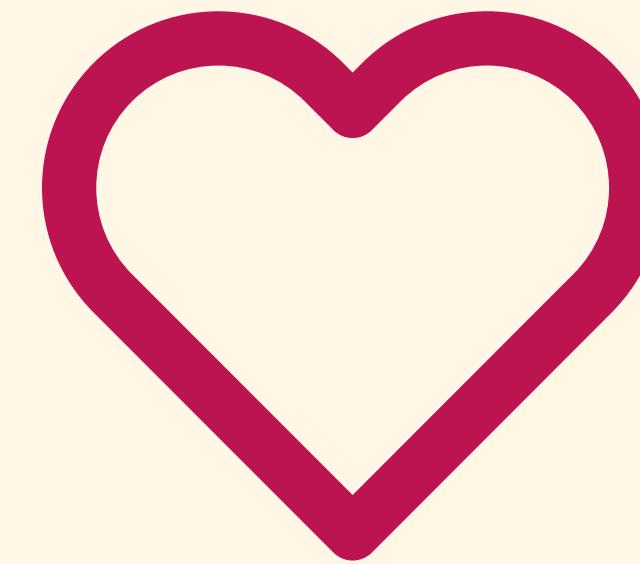
[SEE OUR WORK](#)



**This is an agency that  
doesn't actually exist.**



# Thank you



Use code **CUBE\_PAL** to save  
50% off Learn Eleventy From Scratch

**<https://swop.link/11ty-cube>**

