

# **CSS for Designers**

Gunnar Bittersmann @g16n #uxce22

Red Yellow Green

Doppelt X Doppelt b Zodiac teaser, nar teaser, nar responsive Wypo. wyp I wanna ric beehive 2 Highway 2 proportion liga, dlig - liga, dlig - +

Back Forward Refresh Home Lock https://codepen.io/gunnarbittersmann/pen/KKQexra?editors=1000 Search Suchen

Heart Save Settings Grid View Profile

# Doppelt böse Brücke, Bootstrap 😞 🖌️

Gunnar Bittersmann

/ HTML

```
1 <div class="container-fluid mx-auto my-3"  
  lang="de">  
2   <div class="row">  
3     <div class="col-12 col-sm-6 col-md-5 mb-3">  
4         
5       <small>Foto: Gunnar Bittersmann</small>  
6     </div>  
7     <div class="col-12 col-sm-6 col-md-7">  
8       <h1>Doppelt böse Brücke</h1>  
9       <p>Die Bösebrücke ist eine Bogenbrücke in  
    Berlin und verbindet über die Gleise der Fern- und  
    S-Bahn die Ortsteile Prenzlauer Berg und  
    Gesundbrunnen. Das im Verlauf der Bornholmer  
    Straße liegende Bauwerk wird oft fälschlicherweise  
    auch Bornholmer Brücke genannt. Die unter  
    Denkmalschutz stehende erste genietete Stahlbrücke
```



Foto: Gunnar Bittersmann

\* CSS

○ JS

# Doppelt böse Brücke

Die Bösebrücke ist eine Bogenbrücke in Berlin und verbindet über die Gleise der Fern- und S-Bahn die Ortsteile Prenzlauer Berg und Gesundbrunnen. Das im Verlauf der Bornholmer Straße liegende Bauwerk wird oft fälschlicherweise auch Bornholmer Brücke genannt. Die unter Denkmalschutz stehende erste genietete Stahlbrücke Berlins wurde 1916 als Hindenburgbrücke eröffnet und erhielt 1948 ihren heutigen Namen nach dem kommunistischen Widerstandskämpfer Wilhelm Böse.

Weltweite Berühmtheit erlangte die Brücke am 9. November 1989, dem Tag des Mauerfalls, als der Grenzübergang Bornholmer Straße am östlichen Ende der Bösebrücke der erste Übergang in Ost-Berlin war, der für DDR-Bürger geöffnet wurde.



## Doppelt böe Brücke, Grid

Gunnar Bittersmann

HTML

CSS

```
1 ▶ main {  
2   display: grid;  
3   gap: 2em 4em;  
4 }  
5  
6 ▶ @media (min-width: 30em) {  
7   main {  
8     grid-template-columns: 1fr 1fr;  
9   }  
10 }  
11  
12 ▶ @media (min-width: 50em) {  
13   main {  
14     grid-template-columns: 5fr 8fr;  
15   }  
16 }  
17  
18  
19 ▶ body {
```

JS



Foto: Gunnar Bittersmann

## Doppelt böe Brücke

Die Bösebrücke ist eine Bogenbrücke in Berlin und verbindet über die Gleise der Fern- und S-Bahn die Ortsteile Prenzlauer Berg und Gesundbrunnen. Das im Verlauf der Bornholmer Straße liegende Bauwerk wird oft fälschlicherweise auch Bornholmer Brücke genannt. Die unter Denkmalschutz stehende erste genietete Stahlbrücke Berlins wurde 1916 als Hindenburgbrücke eröffnet und erhielt 1948 ihren heutigen Namen nach dem kommunistischen Widerstandskämpfer Wilhelm Böse.

Weltweite Berühmtheit erlangte die Brücke am 9. November 1989, dem Tag des Mauerfalls, als der Grenzübergang Bornholmer Straße am östlichen Ende der Bösebrücke der erste Übergang in Ost-Berlin war, der für DDR-Bürger geöffnet wurde.

 Zodiac ✎  
Gunnar Bittersmann

```
/* HTML
 * CSS
 1 ▶ ol {
 2   list-style: none;
 3   padding: 0;
 4   display: grid;
 5   grid-template-columns: repeat(auto-fit,
 6   minmax(min(12em, 100%), 1fr));
 7   gap: 1vw;
 8 }
 9 ▶ img {
10   display: block;
11   width: 100%;
12   height: auto;
13 }
```



Q JS

 teaser, named grid lines ✎  
Gunnar Rittersmann

```
1 .stage {  
2   list-style: none;  
3   padding: 0;  
4   display: grid;  
5   grid-template-columns:  
6     [full-start big-start left-half-start left-  
third-start] 1fr 1fr  
7     [left-third-end center-third-start] 1fr  
8     [left-half-end right-half-start] 1fr  
9     [center-third-end big-end right-third-start]  
10    1fr 1fr  
11    [right-third-end right-half-end full-end];  
12  --gap-horizontal: clamp(1em, 3vw, 2em);  
13  gap: 2em var(--gap-horizontal);  
14 }  
15 .stage > * { position: relative }  
16  
17 .stage--l :nth-child(1) { grid-column: full }
```

O JS



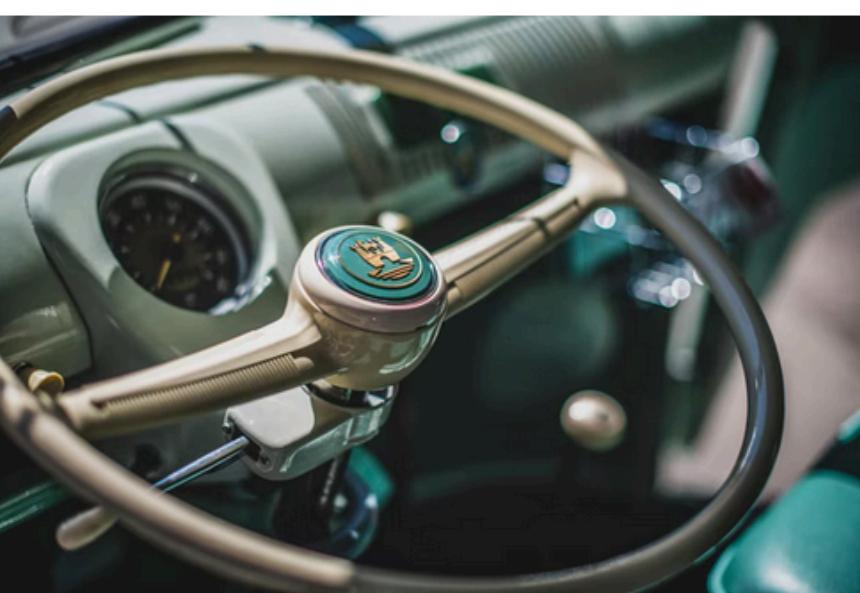
Photo by Mikail McVerry on Unsplash



Photo by Kevin Schmid on  
Unsplash



Photo by Kevin Schmid on  
Unsplash



**Photo by Tim Mossholder on  
Unsplash**



Photo by Tommy Lisbin on  
Unsplash

# teaser, named grid areas ↗

```
18▼ .stage--a {  
19    grid-template-areas:  
20      "_1 _1 _2"  
21      "_3 _4 _5";  
22}  
23  
24▼ .stage--b {  
25    grid-template-columns: repeat(6, 1fr);  
26    grid-template-areas:  
27      "_1 _1 _1 _2 _2 _2"  
28      "_3 _3 _4 _4 _5 _5";  
29}  
30  
31▼ .stage--c {  
32    grid-template-columns: repeat(2, 1fr);  
33    grid-template-areas:  
34      "_1 _2"  
35      "_3 _4"  
36      "_5 _5";
```

JS



Photo by Mikail McVerry on Unsplash



Photo by Kevin Schmid on  
Unsplash



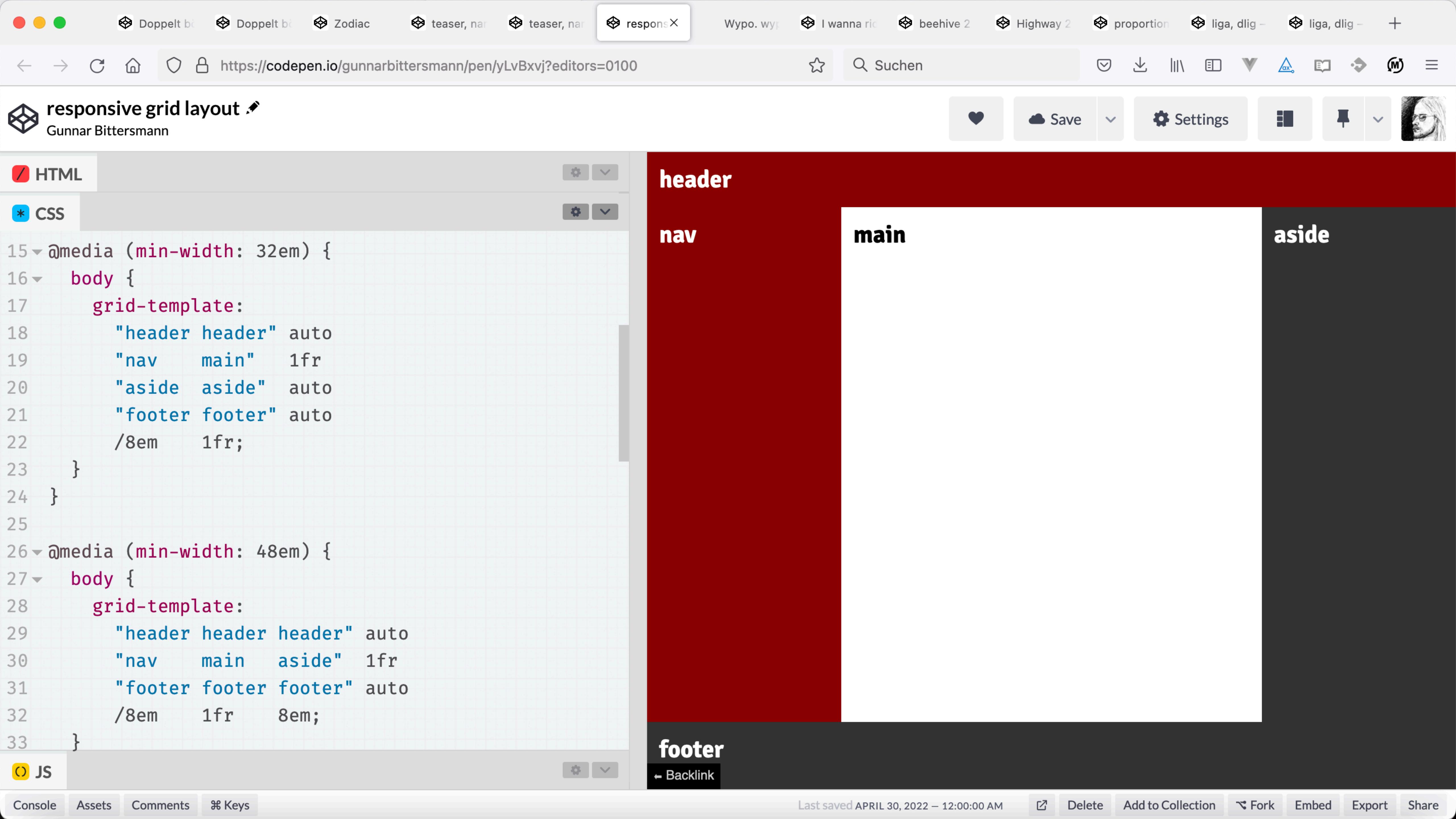
Photo by Kevin Schmid on  
Unsplash



**Photo by Tim Mossholder on  
Unsplash**



Photo by Tommy Lisbin on  
Unsplash





Doppelt b6

Doppelt b6

Zodiac

teaser, nar

teaser, nar

responsive

Wypo. vX

I wanna ric

beehive 2

Highway 2

proportion

liga, dlig -

liga, dlig -



https://www.wypo.pl/blank-r3o17

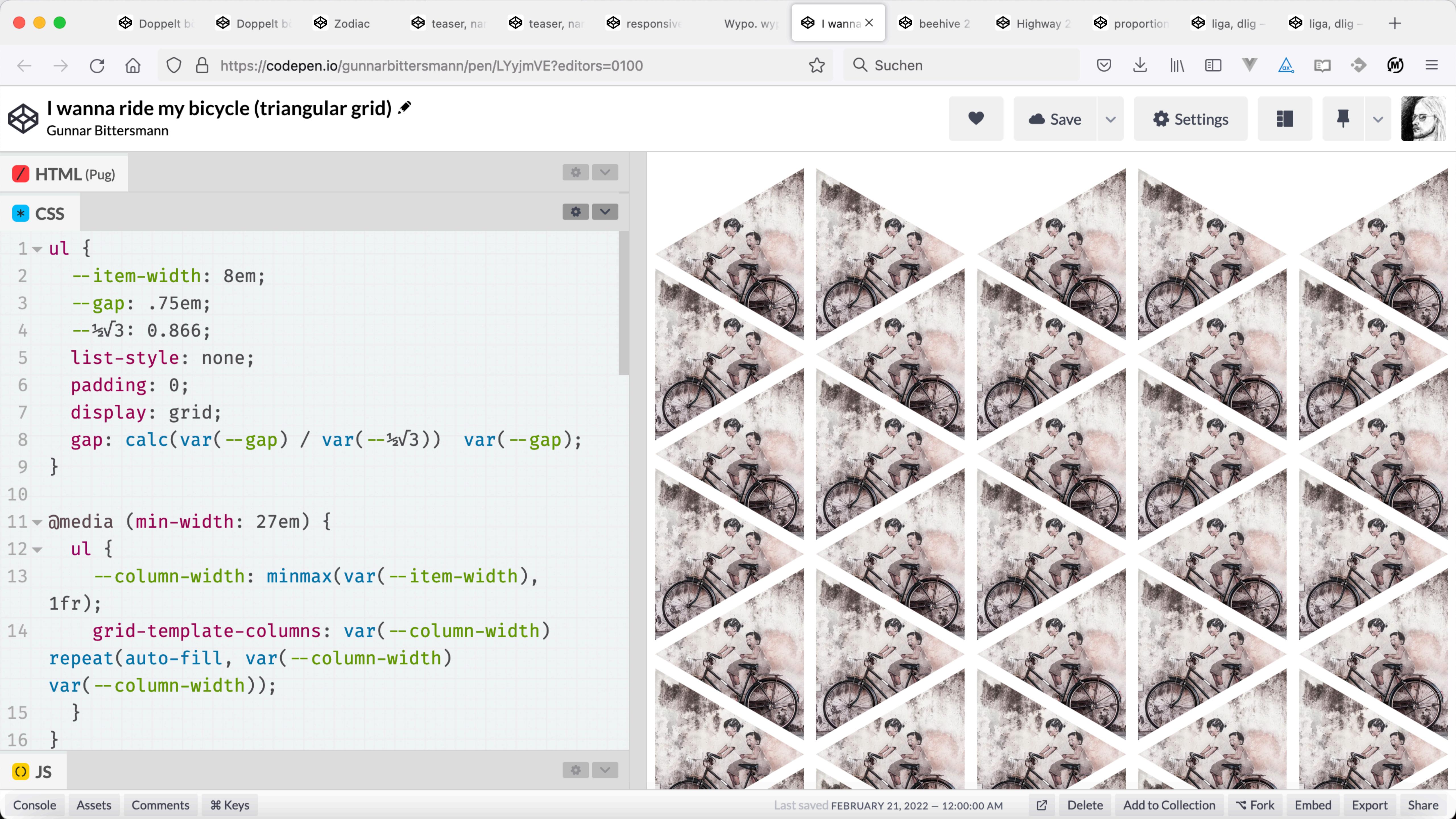


Suchen



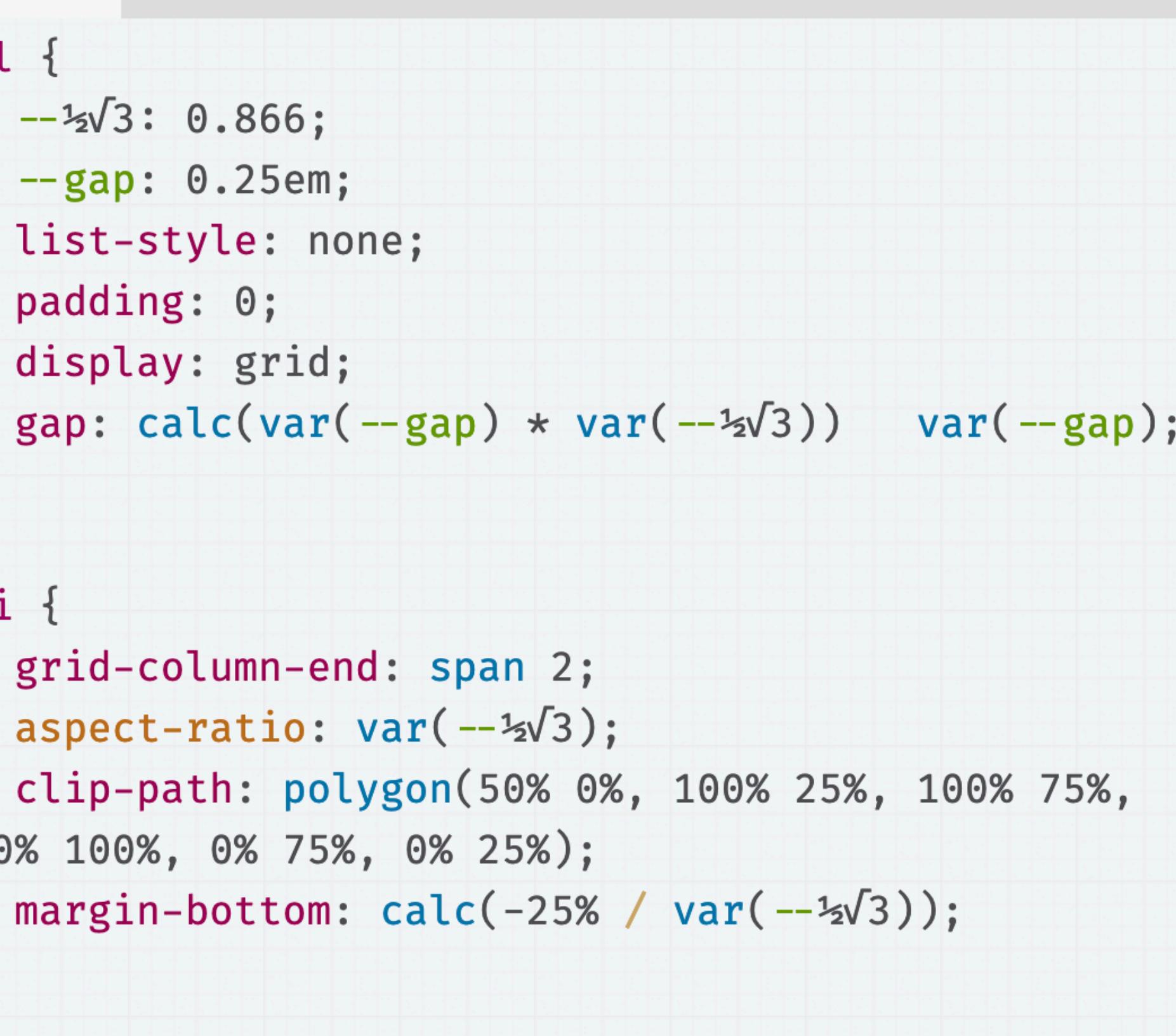
WYPOŻYCZALNIA  
ROWERÓW  
WŁADYSŁAWOWO

[ZAREZERWUJ On-line](#)[OFERTA INDYWIDUALNA](#)[OFERTA GRUPOWA](#)[KONTAKT](#)[FAQ](#)[TOR PÓŁWYSEP](#)[ZDJĘCIA](#)



 beehive 2 (hexagonal grid) 

Gunnar Bittersmann

```
/ HTML (Pug) / CSS (SCSS) * CSS (SCSS) 

```
1  ul {  
2      --½√3: 0.866;  
3      --gap: 0.25em;  
4      list-style: none;  
5      padding: 0;  
6      display: grid;  
7      gap: calc(var(--gap) * var(--½√3))    var(--gap);  
8  }  
9  
10 li {  
11     grid-column-end: span 2;  
12     aspect-ratio: var(--½√3);  
13     clip-path: polygon(50% 0%, 100% 25%, 100% 75%,  
14         50% 100%, 0% 75%, 0% 25%);  
15     margin-bottom: calc(-25% / var(--½√3));  
16  }  
17 li:last-child {  
18     margin-bottom: 0;
```


```



font  
size

Älexanderplatz

ascent  
cap height  
mean line  
x-height  
baseline  
descent

**LOREM IPSUM**

Dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

1

25

**L**orem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

 Highway 29 ➔  
Gunnar Bittersmann

```
1 ▼ body {  
2     font: 1.5em/1.5 Raleway, sans-serif;  
3     /* font-feature-settings: 'lnum'; */  
4     font-variant-numeric: lining-nums;  
5 }  
6  
7 ▼ h1 {  
8     margin: 0;  
9     text-transform: uppercase;  
10 }  
11  
12 ▼ header p {  
13     font-size: 0.8em;  
14     margin: 0;  
15 }
```

# HIGHWAY 29

words and music by Bruce Springsteen

I slipped on her shoe, she was a perfect size seven

I said "There's no smoking in the store ma'am."

She crossed her legs and then

We made some small talk that's where it should have stopped

She slipped me her number, I put it in my pocket

My hand slipped up her skirt, everything slipped my mind

# In that little roadhouse

# On Highway 29



26



Erwin Schrödinger-Zentrum  
Zweigbibliothek für Geisteswissenschaften  
Computer- und Medienservice

Erwin Schrödinger-Zentrum  
Computer- und Medienservice  
Geistes- und Kulturwissenschaften

ACHTUNG

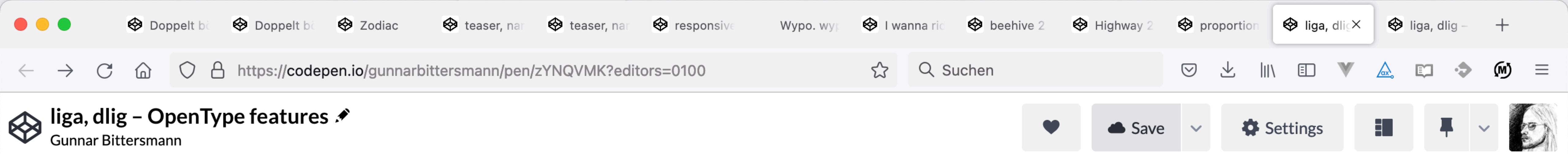
# proportional vs. tabular numbers

```
11  table
12  {
13      border-collapse: collapse;
14      font-variant-numeric: lining-nums tabular-nums
15  }
16
17  thead
18  {
19      position: sticky;
20      top: 0;
21      background: white;
22  }
23
24  th, td
25  {
26      vertical-align: top;
27      text-align: start;
28      padding: 0;
```

Bruce Frederick Joseph Springsteen (born September 23, 1949) is an American singer, songwriter, and musician. He has released 20 studio albums, many of which feature his backing band the E Street Band. Originally from the Jersey Shore, he is one of the originators of the heartland rock style of music, combining mainstream rock musical style with narrative songs about working class American life. During a career that has spanned six decades, Springsteen has become known for his poetic, socially conscious lyrics and energetic stage performances, sometimes lasting up to four hours in length. He has been nicknamed “the Boss”.

# Bruce Springsteen's studio albums

<b>title</b>	<b>release date</b>
Greetings from Asbury Park, N.J.	1973-01-05
The Wild, the Innocent & the E Street Shuffle	1973-09-11
Born to Run	1975-08-25
Darkness on the Edge of Town	1978-06-02
The River	1980-10-10
Nebraska	1982-09-20
Born in the U.S.A.	1984-06-04
Tunnel of Love	1987-10-09
... ... ...	1992-09-21

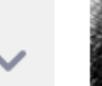


 liga, dlig – OpenType features ✎

Gunnar Bittersmann



Settings

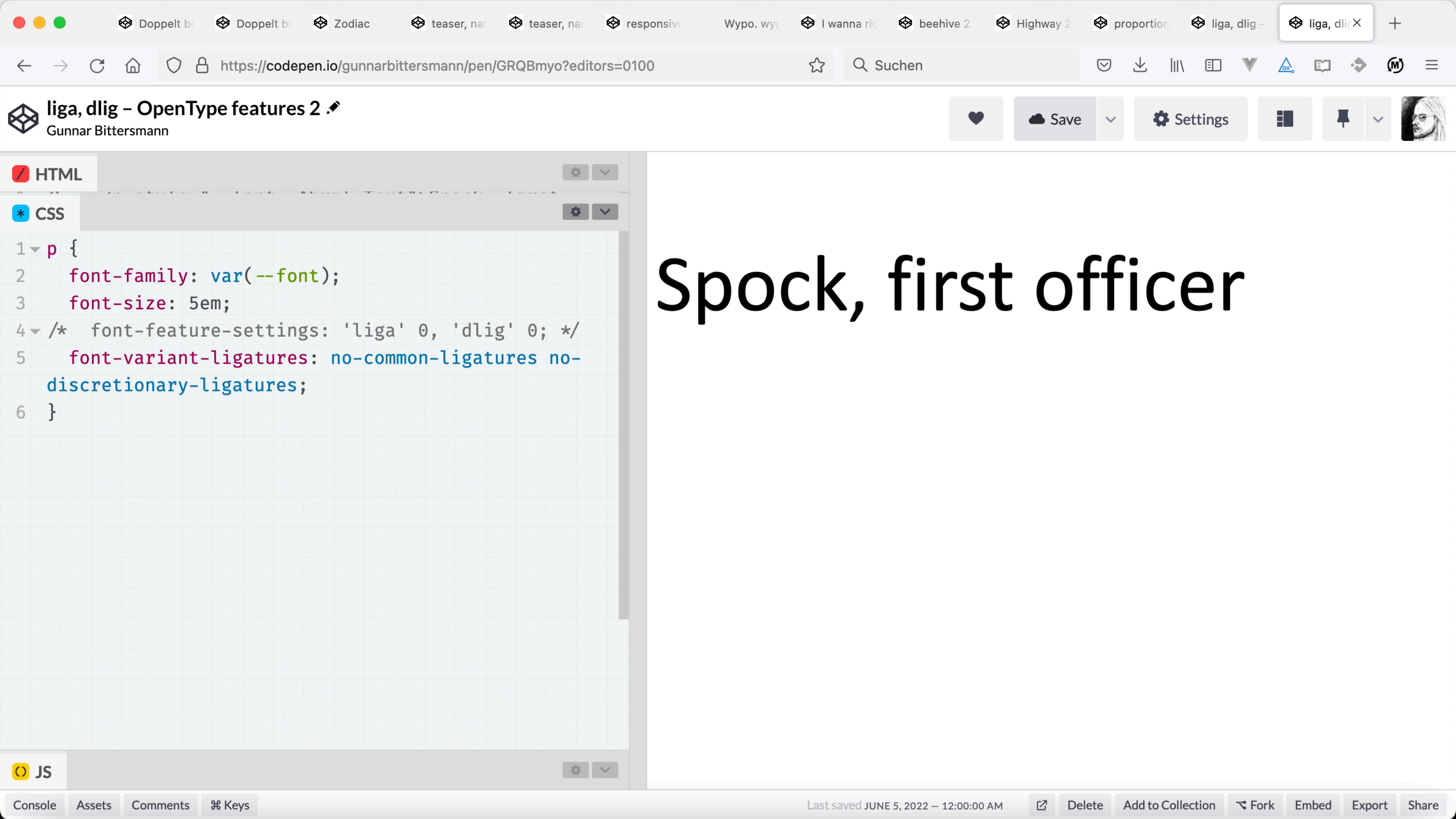


```
1 ▼ p {  
2   font-family: var(--font);  
3   font-size: 5em;  
4 ▼ /* font-feature-settings: 'liga', 'dlig'; */  
5   font-variant-ligatures: common-ligatures  
     discretionary-ligatures;  
6 }
```

# Spock, first officer



Console Assets Comments Keys



# / HTML

\* CSS

```
1 ▼ p {  
2   font-family: var(--font);  
3   font-size: 5em;  
4 ▼ /* font-feature-settings: 'liga' 0, 'dlig' 0; */  
5   font-variant-ligatures: no-common-ligatures no-  
   discretionary-ligatures;  
6 }
```

# Spock, first officer



## Console

## Assets

## Comments

Keys

# JOBBOARD

SPONSORS ONLY

WE'RE  
HIRING:

SENIOR UX  
DESIGNER (w/m/x)



IBM



moccu



Wir suchen:

- UX Designer (w/m/x)
- Project Manager (w/m/x)
- SEO Consultant (w/m/x)

Visit our career page  
[ibmix.de/en/career](http://ibmix.de/en/career)

WE'RE  
HIRING:  
SENIOR UI  
DESIGNER (w/m/x)



IBMix

IBM

WE'RE  
HIRING:  
UX DESIGNER  
(w/m/x)



IBM

TRANS  
FORM  
BY  
DOING

UX Experts (m/f/d)

Remote or in one of our offices in Cologne, Düsseldorf, Munich or Hamburg.

Your Job

As an UX expert, you will develop convincing multi-channel concepts for digital platforms and marketplaces in various sectors and industries. You will be working in interdisciplinary teams, test your concepts directly with users, support the front-end implementation and continuously optimize the experience.

Scan me to  
find out more!



About Valtech

As a global digital agency, Valtech combines many years of technology expertise with comprehensive marketing know-how and supports companies in their digital transformation. Our services range from IT consulting and consulting in agile methodology to digital applications, online campaigns, e-commerce and customer engagement solutions to customized software and digital experience platforms.

The Valtech Group has around 5,000 employees at 50 locations in 19 countries. In Germany, around 250 digital experts work in Düsseldorf, Hamburg, Cologne and Munich, as well as remotely. We think differently. And we work differently. Not because we think it's chic, but because we are simply different – thanks to a diverse team of creative developers, inventors, agilists and visionaries with a wide variety of experiences, ideas and horizons.

valtech.

# **CSS for Designers**

Gunnar Bittersmann @g16n #uxce22

# CSS for Dr--'s

Gunnar Bittersmann @g16n #uxce22