



VILNIUSCODINGSCHOOL

WEB

CSS

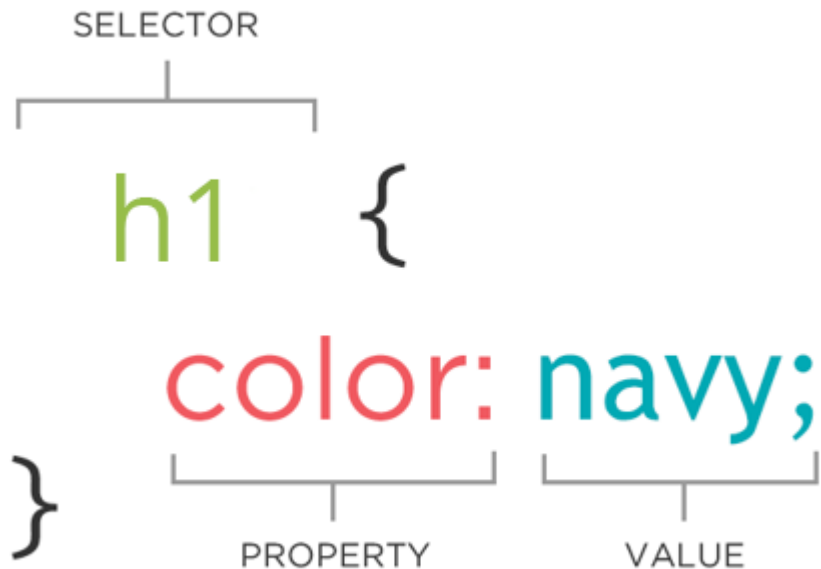


„Pajungiam“ stiliaus failą

<head> srityje įrašom:

```
<link rel="stylesheet" type="text/css" href="css/style.css">
```

CSS sintaksé



Selector'iai

Selectorių tipai:

`<p class="elemento-klase">`

.klase – skirtas aptikti elementą pagal klasę

`<p id="elemento-id">`

#id – skirtas aptikti elementą pagal ID

`<p>`

Elementas – skirtas aptikti elementą pagal HTML tag'ą

Selector'iai [\(\[https://www.w3schools.com/cssref/css_selectors.asp\]\(https://www.w3schools.com/cssref/css_selectors.asp\)\)](https://www.w3schools.com/cssref/css_selectors.asp)

Pseudo klasės

Panaudoja CSS stilių priklausomai nuo elemento būsenos/segmento

:hover – užvedus pelę

Selektorių kombinacijos

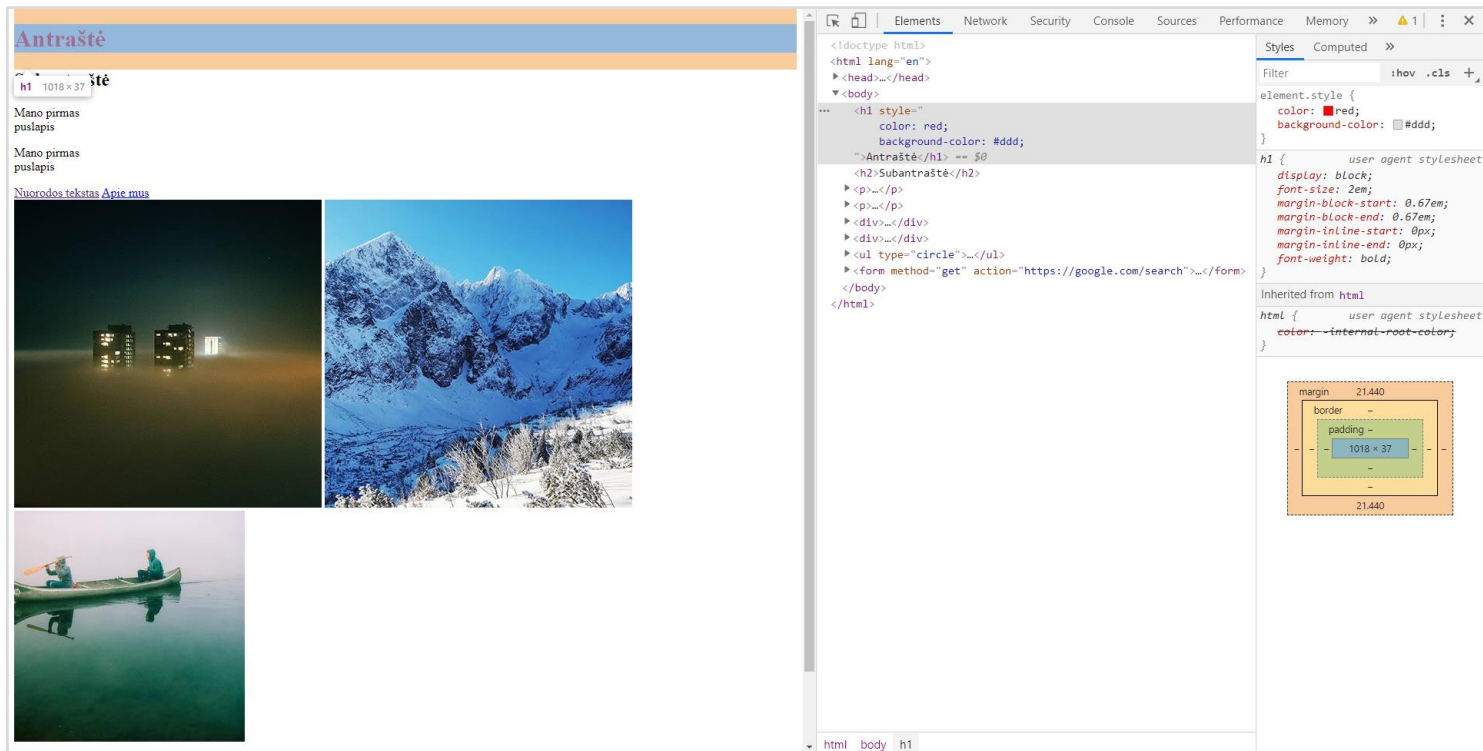
.class1.class2 arba **div.class1.class2** – elementas su dviem klasėmis.

```
<div class="class1 class2">...</div>
```

.class1 .class2 – pasirenkame class2 elementą kuris yra class1 elemento viduje.

```
<div class="class1">  
  <div class="class2">  
    ...  
  </div>  
</div>
```

Developer tools (F12 arba dešinysis pelės -> Inspect (Apžiūrėti))



The screenshot displays a web browser window with a page titled "Antraštė". The page content includes a header with the title, a sub-header "h1 1018 x 37", and two columns of text: "Mano pirmas puslapis" and "Mano pirmas puslapis". Below the text are three images: a night scene with city lights, a snowy mountain range, and a person in a canoe on a calm lake.

The browser's developer tools are open, showing the "Elements" panel. The HTML structure is as follows:

```
<!doctype html>
<html lang="en">
  <head>...</head>
  <body>
    <h1 style="color: red; background-color: #ddd; text-align: center;">Antraštė</h1>
    <h2>Subantraštė</h2>
    <p>...</p>
    <p>...</p>
    <div>...</div>
    <div>...</div>
    <ul type="circle">...</ul>
    <form method="get" action="https://google.com/search">...</form>
  </body>
</html>
```

The "Styles" panel shows the computed styles for the selected `h1` element:

```
element.style {
  color: red;
  background-color: #ddd;
}

h1 {
  user agent stylesheet
  display: block;
  font-size: 2em;
  margin-block-start: 0.67em;
  margin-block-end: 0.67em;
  margin-inline-start: 0px;
  margin-inline-end: 0px;
  font-weight: bold;
}

Inherited from html
html {
  user agent stylesheet
  color: -internal-root-color;
}
```

The "Box Model" diagram is also visible, showing the element's dimensions (1018 x 37) and the surrounding margin (21.440).

Properties (parametrai/savybės)

Color

Nustato elemento teksto spalvą.

color: red;

color: rgb(255, 0, 0);

color: #ff0000;

Background-color

Nustato elemento fono spalvą

background-color: red;

background-color: rgb(255, 15, 25);

background-color: #ff0000;

Font'ų/šriftų parametrai

font-family: "Times New Roman", Times, serif;

font-style: italic;

font-size: 16px;

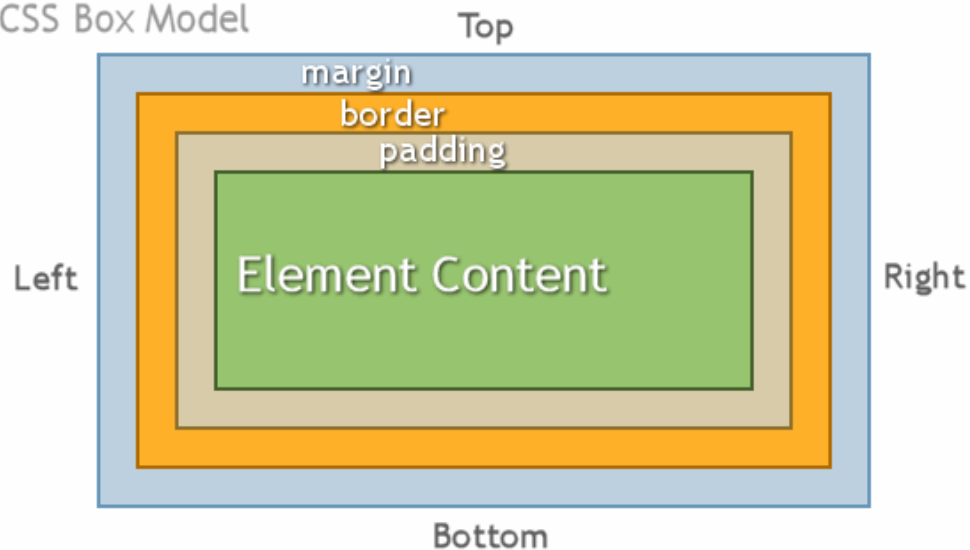
font-weight: bold;

Teksto (inline-elementų) lygiavimas

text-align: center;

CSS Model Box

CSS Box Model



width: 300px;
height: 150px;

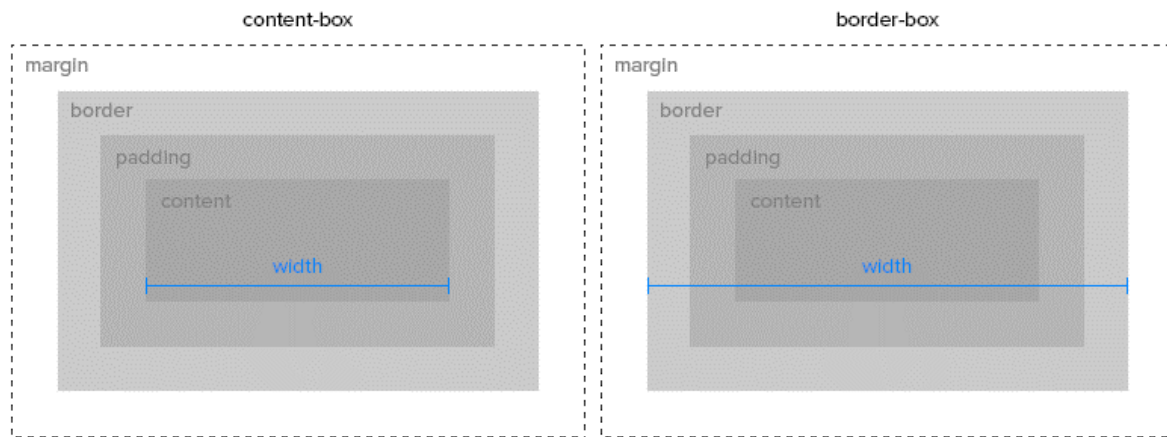
padding: 16px;

border: 1px solid #fff;

margin: 64px;

Matavimo vienetai: **px**, **%**, **vh**, **vw**, **rem**
ir kiti

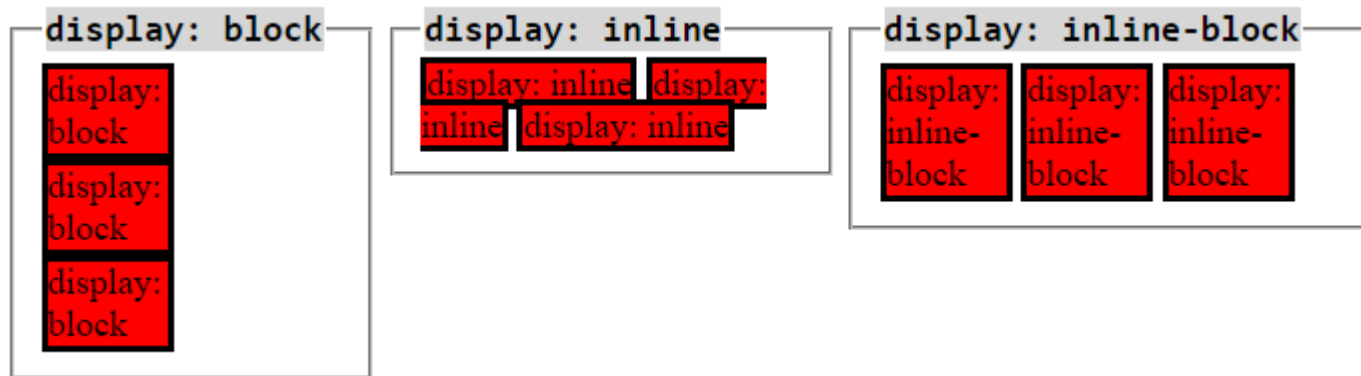
Box-sizing



`box-sizing: content-box;`

`box-sizing: border-box;`

Display

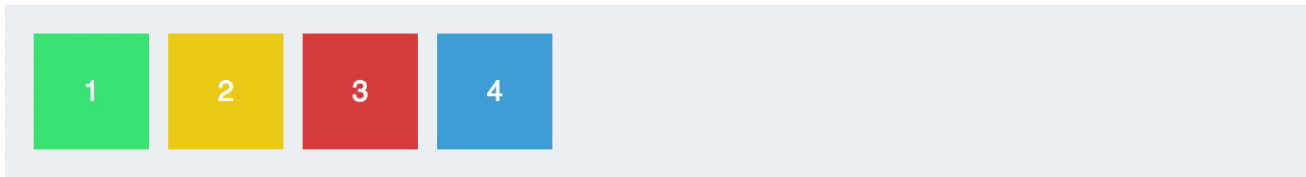


Display: flex

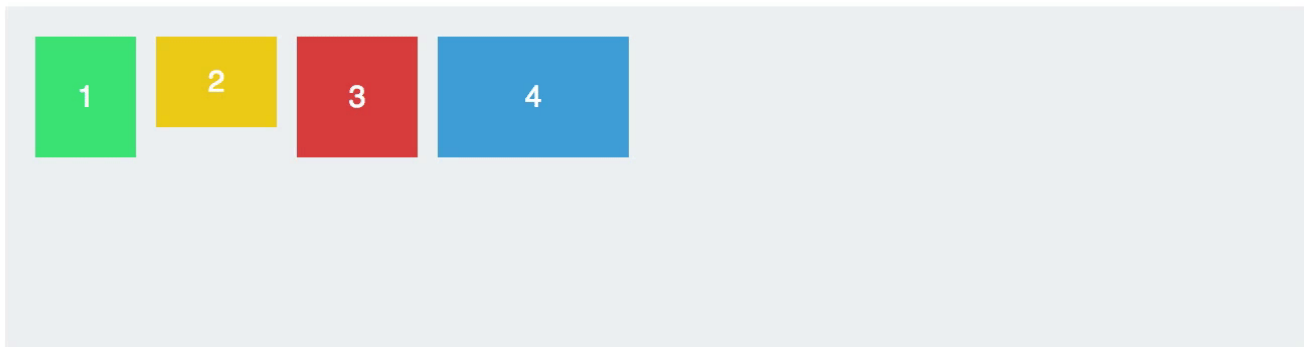
<https://css-tricks.com/snippets/css/a-guide-to-flexbox/>

<https://medium.freecodecamp.org/an-animated-guide-to-flexbox-d280cf6afc35>

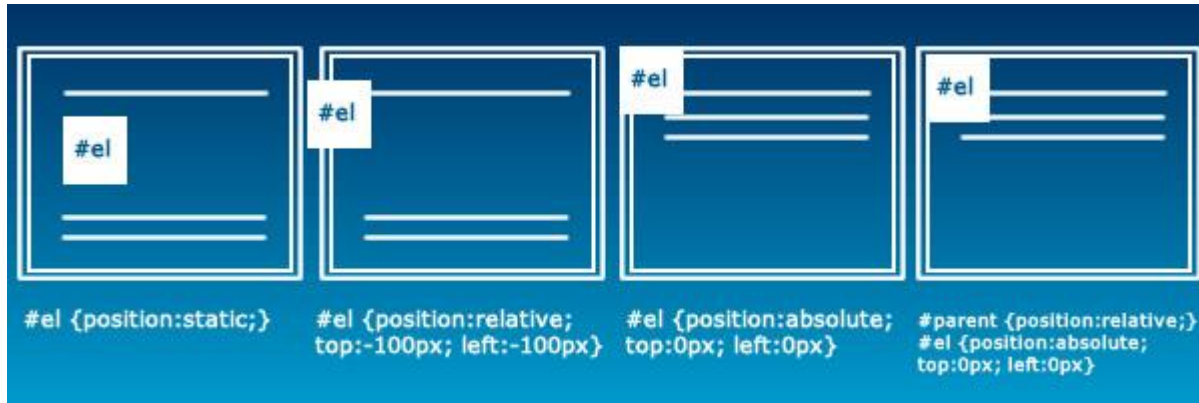
justify-content: flex-start;



align-items: flex-start;



Position



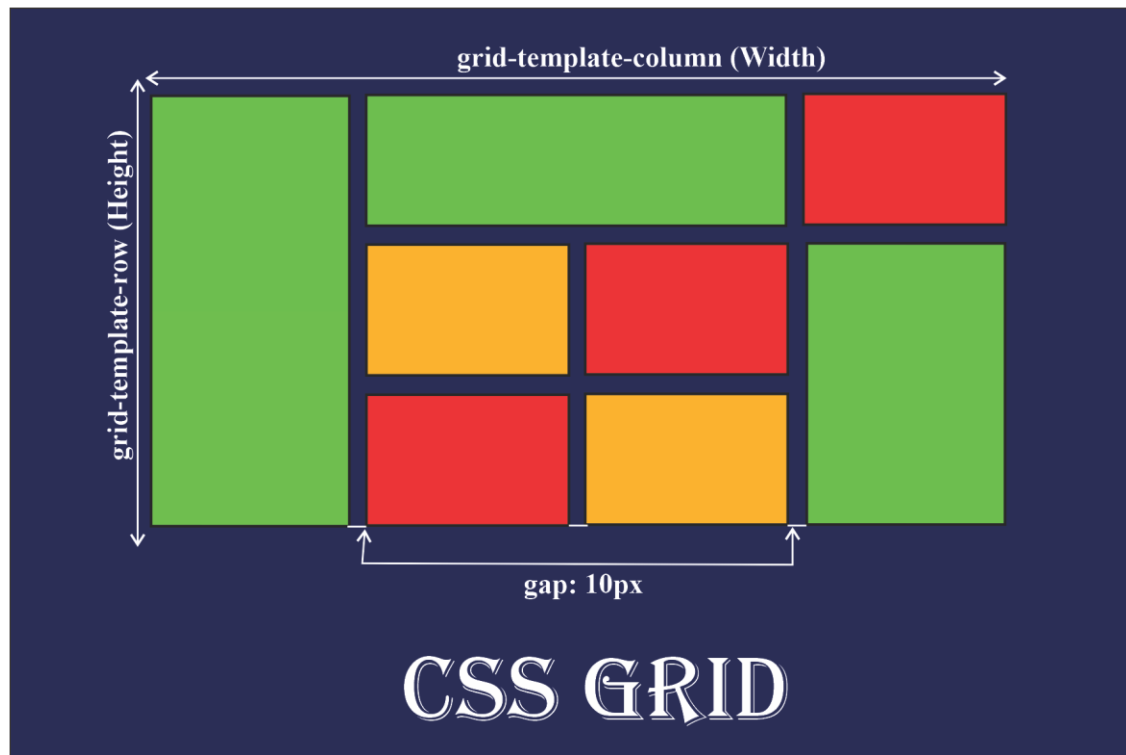
Static – top, left, right, bottom - neveikia. Naudojamas pagal nutylėjimą

Relative – vieta skaičiuojama vietos kur elementas būtų pagal nutylėjimą

Absolute – vieta skaičiuojama pagal artimiausią tėvą (parent)

Fixed – vieta skaičiuojama pagal tai ką mato vartotojas (visada lieka ten pat)

Grid



Responsive Web Design (RWD)



CSS variables

```
:root {  
  --yellow:  #ffd100;  
  --charcoal:  #53565a;  
}  
  
header {  
  background-color: var(--charcoal);  
  color: var(--yellow);  
}
```