

Construção de Páginas Web I



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Construção de Páginas Web I

Revisão

- Formulário


Conteúdo

- Sistema de GRID



Construção de Páginas Web I

Faça o
formulário
de cadastro de
cliente:



Nome
text

Endereço
text

Data Nascimento
text

E-mail
text

Fone
text

Cidade
Combo Box

☐ Gosta de Matemática ☐ Gosta de Português

Formação
☐ Ensino médio apenas
☐ Ensino superior
☐ Pós graduado

Comentário
text

Encaminhar



Construção de Páginas Web I

Sistema de GRID

FONTE:

<https://css-tricks.com/snippets/css/complete-guide-grid/>

https://developer.mozilla.org/pt-BR/docs/Web/CSS/CSS_Grid_Layout/Basic_Concepts_of_Grid_Layout

<https://hackernoon.com/getting-started-with-css-grid-layout-8e00de547daf>

<https://gridbyexample.com/examples/>

<http://cssgridgarden.com/>





Construção de Páginas Web I

Sistema de GRID

```
.container {  
display: grid;  
}
```

```
.container {  
display: inline-grid;  
}
```





Construção de Páginas Web I

Sistema de GRID

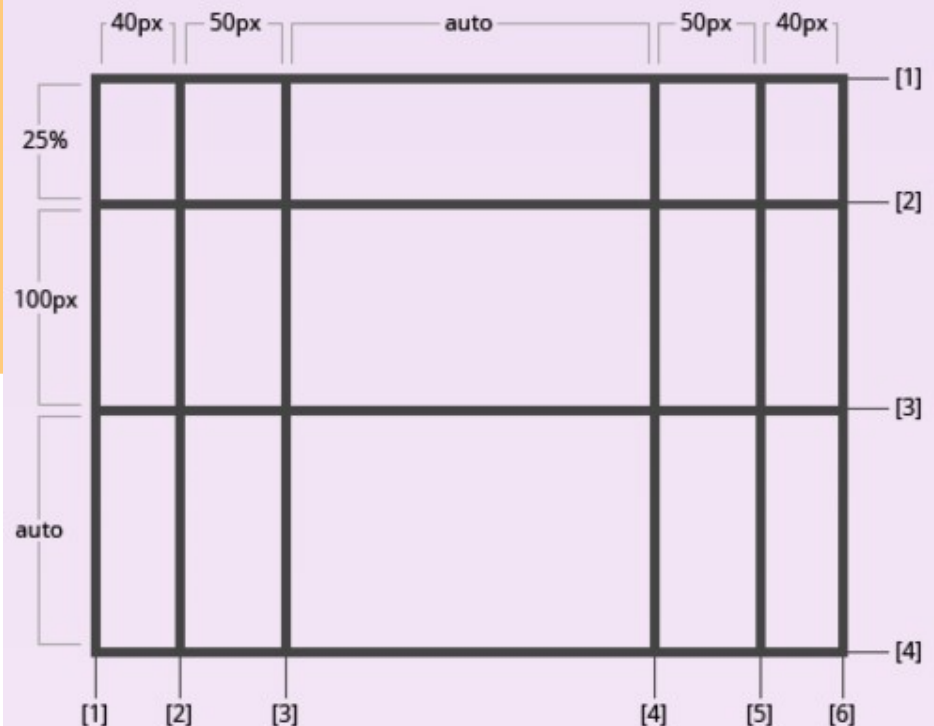
grid-template-columns:
grid-template-rows:

Pode ser em:

- Track-size: tamanho, porcentagem, fr unit
- Nome

CSS

```
.container{  
  grid-template-columns: 40px 50px auto 50px  
  grid-template-rows: 25% 100px auto;  
}
```





Construção de Páginas Web I

Sistema de GRID

grid-column-gap
grid-row-gap

(distância entre as
colunas e entre as
linhas)

CSS

```
.container {  
  grid-template-columns: 100px 50px 100px;  
  grid-template-rows: 80px auto 80px;  
  grid-column-gap: 10px;  
  grid-row-gap: 15px;  
}
```





Construção de Páginas Web I

Sistema de GRID

justify-items

Alinha o conteúdo dentro dos itens da grid ao longo da linha

Possíveis valores:
start, end, center,
stretch

CSS

```
.container {  
  justify-items: start;  
}
```





Construção de Páginas Web I

Sistema de GRID

align-items

Alinha o conteúdo dentro dos itens da grid ao longo da coluna

Possíveis valores: start, end, center, stretch

CSS

```
.container {  
  align-items: start;  
}
```





Construção de Páginas Web I

Sistema de GRID

justify-content

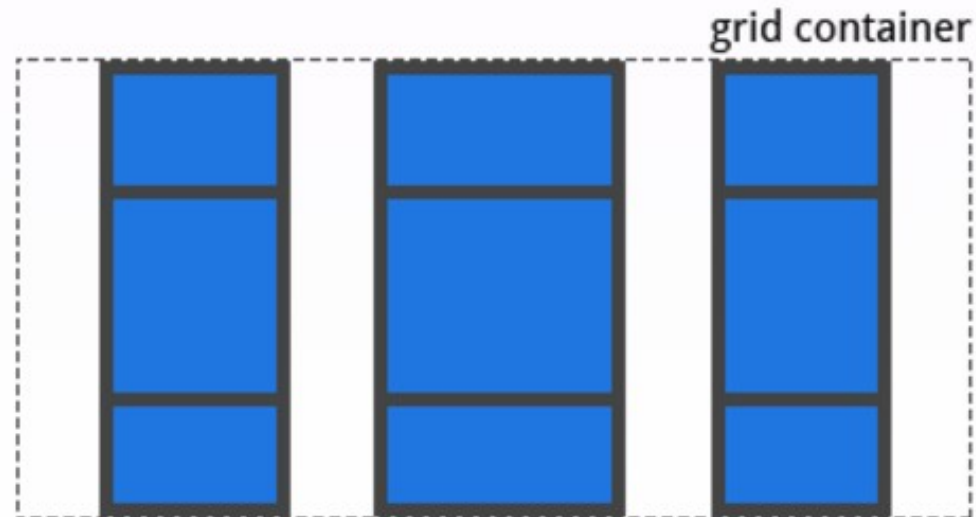
Alinha os itens dentro do container(grid) na linha

Possíveis valores:

start, end, center, stretch, space-around, space-between, space-evenly

CSS

```
.container {  
  justify-content: space-evenly;  
}
```





Construção de Páginas Web I

Sistema de GRID

align-content

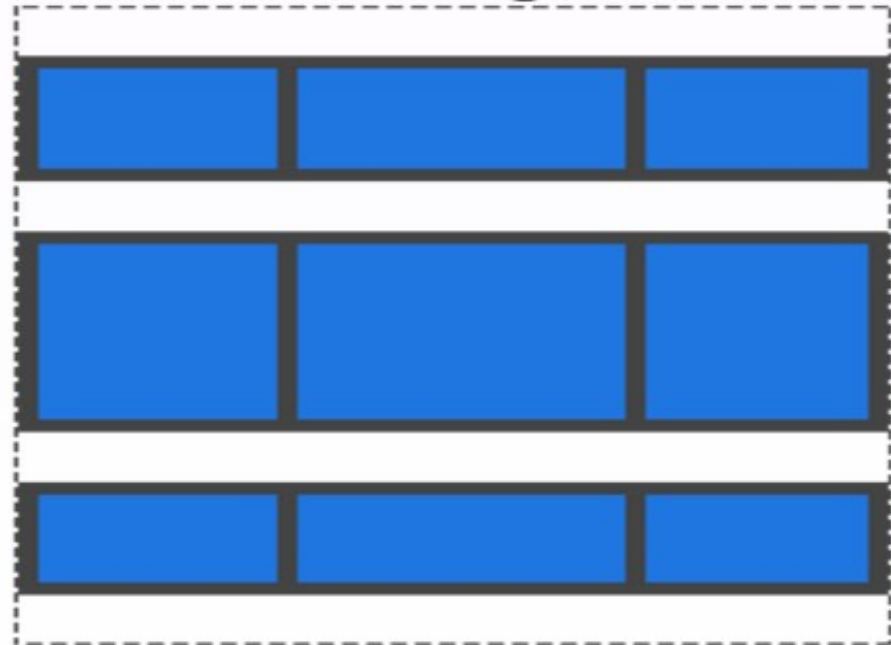
Alinha os itens dentro do container(grid) na coluna

Possíveis valores:
start, end, center,
stretch, space-around,
space-between,
space-evenly

CSS

```
.container {  
  align-content: space-evenly;  
}
```

grid container



Construção de Páginas

Sistema de GRID Itens da GRID

grid-column,
grid-row

start-line / end-line

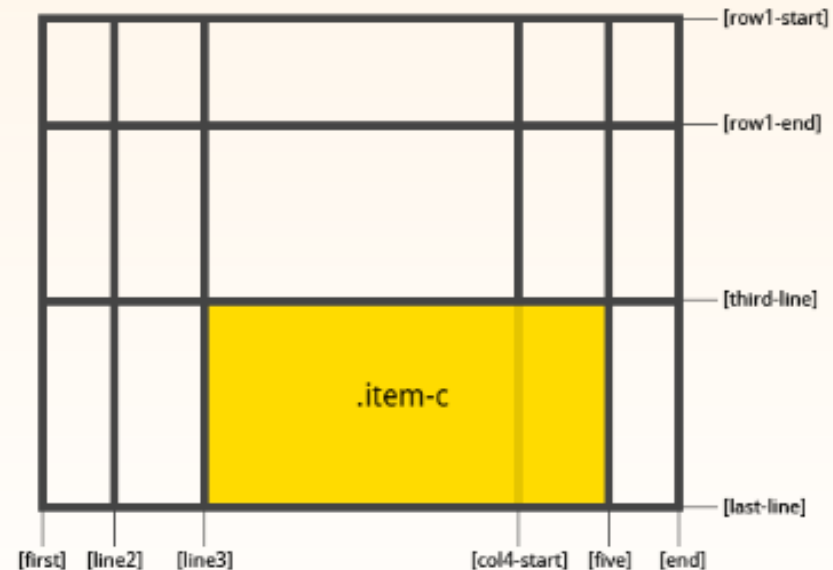
CSS

```
.item {  
  grid-column: <start-line> / <end-line> | <start-line>  
  grid-row: <start-line> / <end-line> | <start-line>  
}
```

Example:

CSS

```
.item-c {  
  grid-column: 3 / span 2;  
  grid-row: third-line / 4;  
}
```





Construção de Páginas Web I

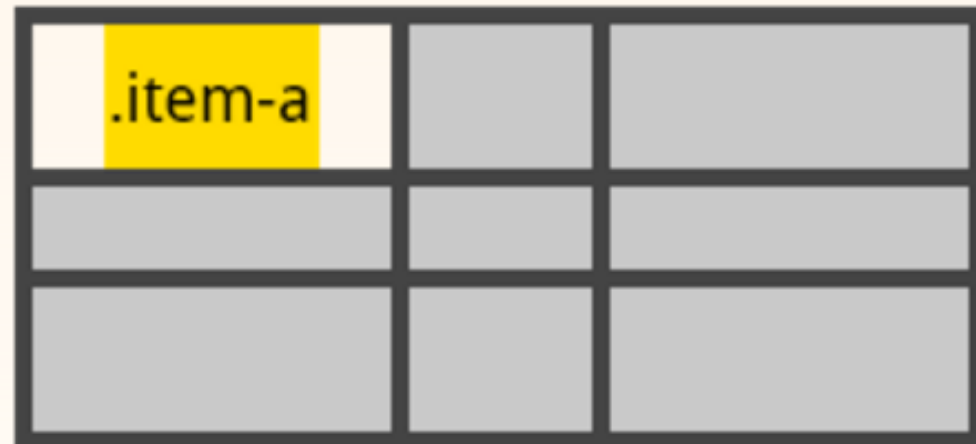
Sistema de GRID Itens da GRID

justify-self

Possíveis valores:
start, end, center,
stretch

CSS

```
.item-a {  
  justify-self: center;  
}
```





Construção de Páginas Web I

Sistema de GRID

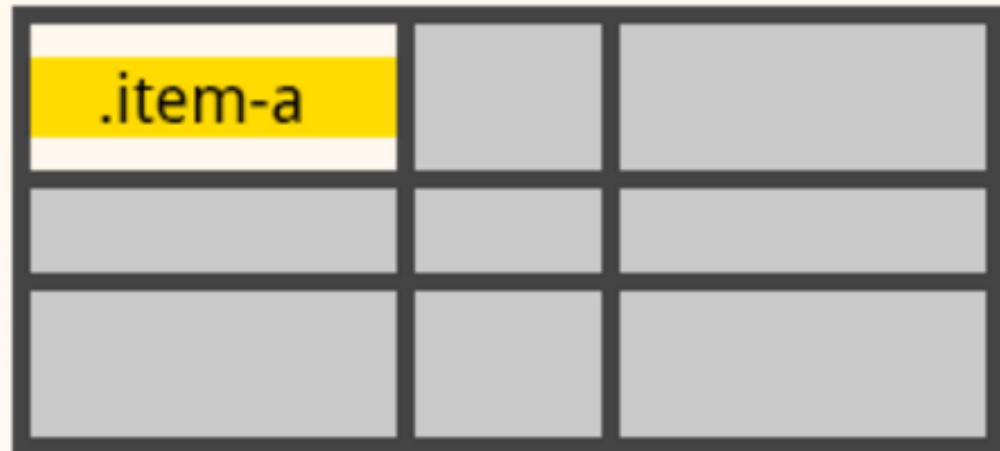
Itens da GRID

align-self

Possíveis valores:
start, end, center,
stretch

CSS

```
.item-a {  
  align-self: center;  
}
```



TAGS MULTIMEDIA

VIDEO

Type: mp4, webm, ogg

```
<video width="320" height="240" autoplay>  
  <source src="movie.mp4" type="video/mp4">  
  <source src="movie.ogg" type="video/ogg">  
Your browser does not support the video tag.  
</video>
```



TAGS MULTIMEDIA

AUDIO

Type: mp3, ogg, wav

```
<audio controls>  
  <source src="horse.ogg" type="audio/ogg">  
  <source src="horse.mp3" type="audio/mpeg">
```

Your browser does not support the audio element.

```
</audio>
```



TAGS MULTIMEDIA

PLUGINS (programas que estendem a funcionalidade dos navegadores)

Através do elemento OBJECT

```
<object width="400" height="50" data="bookmark.swf"></object>
```

Através do elemento EMBED

```
<embed width="400" height="50" src="bookmark.swf">
```



TAGS MULTIMEDIA

YOUTUBE

```
<iframe width="420" height="315"  
src="https://www.youtube.com/embed/XGSy3_Czz8k">  
</iframe>
```

Obs.: Um iframe é utilizado para embarcar um outro documento no documento atual



Sistema de GRID – construa a seguinte proposta



Sistema de GRID – construa a seguinte proposta

The screenshot shows a web browser window with the address bar displaying `file:///E:/2017.1/teste/grid/index.html`. The page has a black header with the text "Sistema de GRID". Below this is a yellow navigation bar with a hamburger menu icon, the CSS-Tricks logo (an asterisk), a search bar, and a magnifying glass icon. The main content area has a blue header with the text "Code Snippets » CSS »" and a large white title "A Complete Guide to Grid". Below the title is a grey bar with the text "BY CHRIS HOUSE LAST UPDATED ON MAY 3, 2017" and a "GRID" tag. The main text area is yellow and contains the following text: "CSS Grid Layout is the most powerful layout system available in CSS. It is a 2-dimensional system, meaning it can handle both columns and rows, unlike [flexbox](#) which is largely a 1-dimensional system. You work with Grid Layout by applying CSS rules both to a parent element (which becomes the Grid Container) and to that elements children (which become Grid Items)." Below this is a paragraph: "This article was ported over from [Chris House's guide](#), by Chris himself, who is keeping both up-to-date." At the bottom of the main content area is a blue play button icon followed by the word "Introduction". The footer of the page is black with the text "grid@css". On the left side of the page, there is a green sidebar with the following links: "A Complete Guide to Grid", "Conceitos básicos de Grid Layout", "Getting started with CSS Grid Layout", and "Grid by Example".

Sistema de GRID

A Complete Guide to Grid

Conceitos básicos de Grid Layout

Getting started with CSS Grid Layout

Grid by Example

☰ * CSS-TRICKS 🔍

Code Snippets » CSS »

A Complete Guide to Grid

BY **CHRIS HOUSE** LAST UPDATED ON MAY 3, 2017

📌 GRID

CSS Grid Layout is the most powerful layout system available in CSS. It is a 2-dimensional system, meaning it can handle both columns and rows, unlike [flexbox](#) which is largely a 1-dimensional system. You work with Grid Layout by applying CSS rules both to a parent element (which becomes the Grid Container) and to that elements children (which become Grid Items).

This article was ported over from [Chris House's guide](#), by Chris himself, who is keeping both up-to-date.

▶ Introduction

grid@css

Sistema de GRID – construa a seguinte proposta

```
<!DOCTYPE html>
<html>
<head>
  <title>Sistema de GRID</title>
</head>
<body>
  <header>
    <h1>Sistema de GRID</h1>
  </header>
  <aside>
    <nav>
      <ul>
        <li><a href="https://css-tricks.com/snippets/css/complete-guide-grid/">A Complete Guide to Grid</a></li>
        <li><a href="https://developer.mozilla.org/pt-BR/docs/Web/CSS/CSS_Grid_Layout/Basic_Concepts_of_Grid_Layout">Conceitos básicos de Grid Layout</a></li>
        <li><a href="https://hackernoon.com/getting-started-with-css-grid-layout-8e00de547daf">Getting started with CSS Grid Layout</a></li>
        <li><a href="https://gridbyexample.com/examples/">Grid by Example</a></li>
      </ul>
    </nav>
  </aside>
  <section>
    <iframe
      src="https://css-tricks.com/snippets/css/complete-guide-grid">
    </iframe>
  </section>
  <footer>
    <p>grid@css</p>
  </footer>
```



Sistema de GRID – jogo para treinar GRID LAYOUT

<http://cssgridgarden.com/>

