CSS

- description : CSS
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WIKI: HTML JAVASCRIPT

Case Study

FlexBox

```
float: {left, center, right}


  container
    display
    flex-direction
    flex-wrap
    flex-flow
    justify-content
    align-items
    align-content

  iterm
    order
    flex-grow
    flex-shrink
    flex
    align-self

main axis(     ), cross axis(     )


EMMET(   )
div.container>div.item.item${$}


.container {
```

```
  background: beige;
  height: 100vh; /* viewport height */
  display: flex;
  flex-direction: row
     row:
     row-reverse;
     column:
     column-reverse:
  flex-wrap: nowrap;         ,
     wrap
     wrap-reverse
  /* flex-flow: column nowrap */ flex-direction, flex-wrap
  justify-content: flex-start;
     flex-start:
     flex-end:
     center
     space-around, space-evenly, space-between /* main axis */
     align-items: center; baseline(              )
     align-content: center, space-around, space-evenly, space-between


}

.item {
  width: 40px;
  height: 40px;
  border: 1px solid black;
}

iterm
.item1 {
  backtround: #ef9a9a;
  flex-grow: 2; /*                */
  flex-shrink: 2;  /*              */
  flex-basis: 60%; /*             , flex-grow, flxe-shrink              */
  align-self: center; /*            */
}

.item2 {
  backtround: #ef9a9a;
  flex-grow: 1;
  flex-shrink: 1;
  flex-basis: 60%;
}

.item3 {
  backtround: #ef9a9a;
  flex-grow: 1;
  flex-shrink: 1;
  flex-basis: 60%;
}
```

jsbin.com
COLOR TOOL
Flexbox Froggy

Grid

```
CSS Layout
flex
        1
  flxe, flex(column)
  row, column

grid
 2
    display: grid

   grid-template-columns:
     grid-template-columns: 100px 100px 100px 100px
     grid-template-columns: repeat(5, 100px)
     grid-template-columns: repeat(5, 20%)
     grid-template-columns: 1fr 2fr 1fr
     grid-template-columns: repeat(5, 1fr)

   grid-template-rows
   grid-auto-rows: 150px
     grid-auto-rows: minmax(150px, auto)

   gird-template-areas: grid cell labeling
   grid-gap: 10px
     grid-column-gap: 10px
     grid-row-gap: 10px


    grid cell
   grid-column-start, grid-column-end, grid-row-start, grid-row-end:
1    (O      )
     grid-column-start: 2;
     grid-column-end: 4;
     grid-row-start: 1;
     grid-row-end: 3
or
     grid-column: 2 / 4;
     grid-row: 1 / 3;


or
     grid-column: 2 / span 2
     grid-row: 1 / 3;
```

```
,
      grid-column: 2 / -1
      grid-row: 1 / 3;


    grid-area


body {
  padding: 5rem;
  background-color: black;
}

.container {
  display: grid;
  grid-template-columns: repeat(3, 1fr);
  grid-auto-rows: 150px;
  grid-gap: 1rem;
  gird-template-areas:
    'a a a'
    'b c c'
    'b d g'
    'e f g'
}

.image {
  width: 100%;
  height: 100%;
  object-fit: cover;
}

.image1 {
  grid-area: a
}

.image2 {
  grid-area: b
}

.image3 {
  grid-area: c
}

.image4 {
  grid-area: d
}

.image5 {
  grid-area: e
}
```

```css
.image6 {
  grid-area: f
}

.image7 {
  grid-area: g
}
```

```css
body {
  width: 100vw;
  height: 100vh;
  margin: 0;
  display: grid;
  grid-template-columns: 3fr 1fr;
  grid-templat-rows: 100px auto 50px;
  grid-template-areas:
  'header header'
  'main side'
  'footer footer';
}

header {
  grid-area: header;
}

main {
  grid-area: main;
}

aside {
  grid-area: side;
}

footer {
  grid-area: footer;
}
```

CSS Flexbox   .   !!
CSS Grid
                                    Emmet, HJTML
unsplash

Plugin

font-awesome

```html
<link href="/fonts/font-awesome/css/all.min.css" rel="stylesheet"/>
<link rel="stylesheet" href="/components/font-awesome/css/font-
```

```
awesome.min.css">
```

bootstrap

```
<link rel="stylesheet"
href="/components/bootstrap/dist/css/bootstrap.min.css">
```

Ionicons

, SVG

```
<link rel="stylesheet" href="/components/Ionicons/css/ionicons.min.css">
```

AdminLTE

Bootstrap , Adminlet3
, , , , , ,

```
<link rel="stylesheet" href="/dist/css/AdminLTE.min.css">
```

adminty

Bootstrap , Adminty

```
                          Bootstrap
            .
Adminty                                                      .

      .

   .

Adminty                              .

Adminty                                    .
                                        .
                              .
```

google font

```
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,600,70
0,300italic,400italic,600italic">
```

overlayScrollbars

```
<link
th:href="${#httpServletRequest.getContextPath()}+'/plugins/overlayScrollbars
/css/OverlayScrollbars.min.css'" rel="stylesheet" />
```

daterangepicker

```
<link
th:href="${#httpServletRequest.getContextPath()}+'/plugins/daterangepicker/d
aterangepicker.css'" rel="stylesheet" />
```

summernote-bs4.css

```
<link
th:href="${#httpServletRequest.getContextPath()}+'/plugins/summernote/summer
note-bs4.css'" rel="stylesheet" />
```

How To Add CSS

External CSS

```
<!DOCTYPE html>
<html>
<head>
    <link rel="stylesheet" type="text/css" href="mystyle.css" />
</head>
<body>
</body>
</html>
```

Internal CSS

```
<!DOCTYPE html>
<html>
<head>
<style>
body {
  background-color: linen;
}

h1 {
  color: maroon;
  margin-left: 40px;
}
</style>
</head>
<body>
</body>
</html>
```

How To Add CSS

Tag Cloud

https://demo.chattymango.com/shuffle-box/
http://dimox.name/beautiful-tags-markup/

Tip

CSS

```
span {
    /* all: unset !important; */
    all: unset;
}
```

CSS

- CSS　　　　　　　　　　　　　　　　　，　　　　　　　　　　　　　　．
  　　　　　　　　　　　　　　　　　　　!important　　　　　．
- property: value !important;

<code html>

```
color: red !important;
```

```
color: blue;
```

```
color: green !important;
```

</code [CSS](#)

Ref

- [COOL AND RESPONSIVE BUTTONS WITH A FEW LINES OF CSS](#)
- [Ultimate Blocks – Gutenberg Blocks Plugin](#)
- [CSS Selector](#)
- [A Complete Guide to Flexbox](#)
- [FLEXBOX FROGGY](#)

SCSS

Sass(Syntactically Awesome StyleSheets)   Scss   CSS pre-processor   CSS
                                                CSS   CSS   .

-
-
- Import
- Nesting
- Mixin
- Extend / Inheritance

                                                  .

        Sass   Sass(.scss)   css   .
  Sass   .

  - [Sass](#)

            (Header Label   ),   ~ (jhgong,
        .   2020-05-29)

CSS Note

- [css note](#)

        ,   , [button](#)

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