

Tailwind - Class 1

Tailwind → Framework of CSS

- ✓ predefined class (no need to create class)
- ✓ No external stylesheet
- ✓ less code to write
- ✓ More speed creating UI
- ✓ Helps in styling + Responsiveness in HTML doc.

Till Now we know

- Inline CSS
- Internal CSS
- External CSS

Now,

→ Tailwind CSS ✓

Installing Tailwind CSS :-

CDN :-

- (1) Add CDN link in `<script>` inside head tag ✓

```
<script src="https://cdn.tailwindcss.com">  
</script>
```

✓ when you use CDN link for tailwind you will **NOT** get suggestions for styling. even properties are not seen when we hover properties.

#2 Important Installation:-

- 1) Install Node
(download from node.org)
- 2) Copy command
`npm install -D tailwind postcss autoprefixer vite`
- 3) Copy Command
`npx tailwind init -p`
- 4) Add * in content
- 5) Add Scripts in package.json
- 6) Create main.css & insert and link ↳ to html
 - 1) @tailwind base;
 - 2) @tailwind components;
 - 3) @tailwind utilities;

→ Install tailwind CSS intellisense
^ extension in VS code

Responsive Using Tailwind

→ 'Flex-row' property For display large
lg: Flex-row

else for every size use 'Flex column'
Flex-col

use this in your 'div class' for making it responsive for every section.

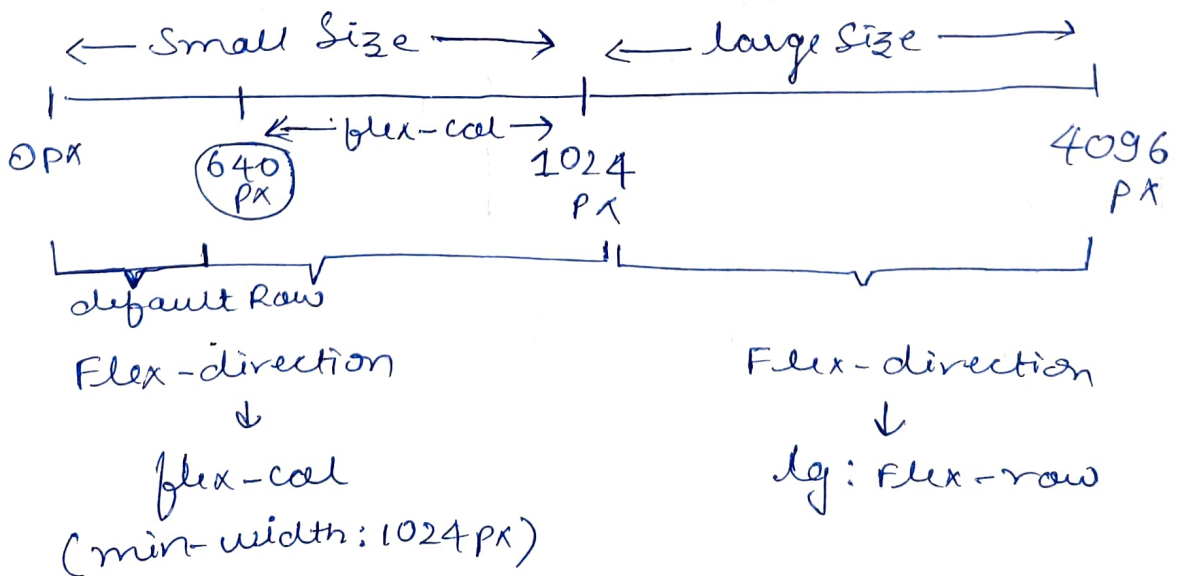
So, div class = "Flex-col lg:Flex-row"

More than 1024 px display

↳ lg: Flex-row

For rest every device

↳ Flex-col



when it goes down from 1024 px
it goes to col till 640 px
when it goes again ~~beyond~~ ^{below} 640 px
it again by default sets to row again
(which is wrong)

0 to 640 px → Row (Sm: Flex-col)
640 to 1024 px → Flex-col (up & down)
1024 to 4000 px → lg: Flex-row
(side by side)

✓ that's why we don't write
Sm: Flex-col, we use Flex-col
directly.

★ For Navbar:- ^{below} ~~beyond~~ large size:-

<li class = "hidden lg: block">
↓ ↓ ↓
in every For Small visible
list items size size

↑ can use same property for other
elements ✓
like Signup, image.

★ Hamburger menu ≡

→ invisible for large size
→ visible for small size



For Image.

For small size

max width for medium

class="hidden md:max-w-[400px]

lg:max-w-[600px]

max width for large.

md:block

lg:block

↑
visible
for
medium

↑
visible
for
large

any

* we don't use 'visible' we use 'block' for visibility.

and to hide we use 'hidden' property

★ For width (button)

~~w-fit~~ (small size) Self-Stretch (small)

md:w-fit ← Fit for medium size.

w-full

↑ taking full width

★ to place left side

"Self-Start" property.



To change Text

<h1>

{1st line}

hide for small size & block for medium

add

visible(block) for small size

{2nd line}

hidden for medium

also increase size → text-5xl

create new
<h1>

* These properties of Tailwind For Responsive is only "Media Query"

<Style>

@media (min-width : 768px)

{

display: block;

}

</style>

For manual changes.

Fixed Sizes:-

✓ Sm :- 640px

✓ md :- 768px

✓ lg :- 1024px

✓ xl :- 1280px

✓ 2xl :- 1536px

w-16

↓

0 to 640px

md: w-12

↓

640 to 768px

lg: w-8

↓

768 to 1024px

★ For Grid

grid-col-1 (small)

md: grid-col-2 (medium)

lg: grid-col-3 (large)

↑ can increase columns of div.

★ To place in Centre

↳ mx-auto

★ For ordering in text after size changed

-order-1 (-1 set for small size top)

add order for every element one by one.

xl: order=1 { normal size in xl }
↑ { normal order that's why order-1 }