

## \* Tailwind CSS \*

- It is used to style website in the fastest and easiest way.
- It basically a utility-first CSS framework for rapid building user interfaces.
- You do not have to create a separate file for styling, like CSS file.
- minimum lines of code is there.
- There are two ways to install Tailwind in your project.
  - i) Install Tailwind via Npm.
  - ii) Install using Tailwind using via CDN.
- It has been supported by various browsers.
  - i) Google Chrome
  - ii) Microsoft Edge.
  - iii) Firefox.
  - iv) Safari.



## Steps by to install tailwind via NPM

- i) `npm init -y`
- ii) `npm install -D tailwindcss postcss autoprefixer vite`
- iii) `npm run tailwind:config.js`
- iv) then in `tailwind.config.js` module  $\rightarrow$  content: [ ] Add \*  
in this content: ["\*"] for to Add Tailwind in all files.
- v) then in `package.json`, in script  
text: `echo`  $\rightarrow$  Reply it by.
- vi) Start " : " vite"  
 $\rightarrow$  Then if you want to run the server just  
type `npm run start`.
- vii) Create `input.css` and link this file to `index.html`.  
Add  
i) `@tailwind base;`  
ii) `@tailwind components;`  
iii) `@tailwind utilities;`
- viii) Then type `npm run tailwind init -p` to generate  
postcss config file.

## \* Why to use Tailwind CSS

i) No more naming of class & id, it is very hectic for a developer to remember and write the unique name for the id & class.

ii) It will not make your website slow.

iii) It is responsive, with the help of break point in same element only.

iv) It is different from writing inline CSS.

v) It is speedy development.

→ Dis Advantage.

i) An installation required.

ii) HTML & Styling are mixed which is complex and hard for a developer.



## \*Tailwind Font family \*

→ Font family class

There are 3 font family.

i) Font-sans.

ii) Font-serif.

iii) Font-mono.

→ In this family, suppose browser does not support one font then it will apply another font because it has define various font for various operating system.

### Syntax

<P class="font-sans">

<P class="font-serif">

<P class="font-mono">

It will generate output depends upon what type of browser you're opening.

\* Font Size \*

\* Font Size \*

This class is used to set font size of that element.  
Replacement of font-size property.

\* Font Size \*

This class is used to set font size of that element.

↳ It is the replacement of font-size property.

font-size classes.

There are lots of food size classes.

for enter small.

i) text -xs: for extra small.  
ii) text-sm: for text size as small.

goes upto

goes upto  
iii) text = 9x1 - mines 9 times extra large.

Syntax :

<p class="text-xs"> This font size is xs </p>

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100  
101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120  
121  
122  
123  
124  
125  
126  
127  
128  
129  
130  
131  
132  
133  
134  
135  
136  
137  
138  
139  
140  
141  
142  
143  
144  
145  
146  
147  
148  
149  
150  
151  
152  
153  
154  
155  
156  
157  
158  
159  
160  
161  
162  
163  
164  
165  
166  
167  
168  
169  
170  
171  
172  
173  
174  
175  
176  
177  
178  
179  
180  
181  
182  
183  
184  
185  
186  
187  
188  
189  
190  
191  
192  
193  
194  
195  
196  
197  
198  
199  
200  
201  
202  
203  
204  
205  
206  
207  
208  
209  
210  
211  
212  
213  
214  
215  
216  
217  
218  
219  
220  
221  
222  
223  
224  
225  
226  
227  
228  
229  
230  
231  
232  
233  
234  
235  
236  
237  
238  
239  
240  
241  
242  
243  
244  
245  
246  
247  
248  
249  
250  
251  
252  
253  
254  
255  
256  
257  
258  
259  
260  
261  
262  
263  
264  
265  
266  
267  
268  
269  
270  
271  
272  
273  
274  
275  
276  
277  
278  
279  
280  
281  
282  
283  
284  
285  
286  
287  
288  
289  
290  
291  
292  
293  
294  
295  
296  
297  
298  
299  
300  
301  
302  
303  
304  
305  
306  
307  
308  
309  
310  
311  
312  
313  
314  
315  
316  
317  
318  
319  
320  
321  
322  
323  
324  
325  
326  
327  
328  
329  
330  
331  
332  
333  
334  
335  
336  
337  
338  
339  
340  
341  
342  
343  
344  
345  
346  
347  
348  
349  
350  
351  
352  
353  
354  
355  
356  
357  
358  
359  
360  
361  
362  
363  
364  
365  
366  
367  
368  
369  
370  
371  
372  
373  
374  
375  
376  
377  
378  
379  
380  
381  
382  
383  
384  
385  
386  
387  
388  
389  
390  
391  
392  
393  
394  
395  
396  
397  
398  
399  
400  
401  
402  
403  
404  
405  
406  
407  
408  
409  
410  
411  
412  
413  
414  
415  
416  
417  
418  
419  
420  
421  
422  
423  
424  
425  
426  
427  
428  
429  
430  
431  
432  
433  
434  
435  
436  
437  
438  
439  
440  
441  
442  
443  
444  
445  
446  
447  
448  
449  
450  
451  
452  
453  
454  
455  
456  
457  
458  
459  
460  
461  
462  
463  
464  
465  
466  
467  
468  
469  
470  
471  
472  
473  
474  
475  
476  
477  
478  
479  
480  
481  
482  
483  
484  
485  
486  
487  
488  
489  
490  
491  
492  
493  
494  
495  
496  
497  
498  
499  
500  
501  
502  
503  
504  
505  
506  
507  
508  
509  
510  
511  
512  
513  
514  
515  
516  
517  
518  
519  
520  
521  
522  
523  
524  
525  
526  
527  
528  
529  
530  
531  
532  
533  
534  
535  
536  
537  
538  
539  
540  
541  
542  
543  
544  
545  
546  
547  
548  
549  
550  
551  
552  
553  
554  
555  
556  
557  
558  
559  
560  
561  
562  
563  
564  
565  
566  
567  
568  
569  
570  
571  
572  
573  
574  
575  
576  
577  
578  
579  
580  
581  
582  
583  
584  
585  
586  
587  
588  
589  
590  
591  
592  
593  
594  
595  
596  
597  
598  
599  
600  
601  
602  
603  
604  
605  
606  
607  
608  
609  
610  
611  
612  
613  
614  
615  
616  
617  
618  
619  
620  
621  
622  
623  
624  
625  
626  
627  
628  
629  
630  
631  
632  
633  
634  
635  
636  
637  
638  
639  
640  
641  
642  
643  
644  
645  
646  
647  
648  
649  
650  
651  
652  
653  
654  
655  
656  
657  
658  
659  
660  
661  
662  
663  
664  
665  
666  
667  
668  
669  
670  
671  
672  
673  
674  
675  
676  
677  
678  
679  
680  
681  
682  
683  
684  
685  
686  
687  
688  
689  
690  
691  
692  
693  
694  
695  
696  
697  
698  
699  
700  
701  
702  
703  
704  
705  
706  
707  
708  
709  
710  
711  
712  
713  
714  
715  
716  
717  
718  
719  
720  
721  
722  
723  
724  
725  
726  
727  
728  
729  
730  
731  
732  
733  
734  
735  
736  
737  
738  
739  
740  
741  
742  
743  
744  
745  
746  
747  
748  
749  
750  
751  
752  
753  
754  
755  
756  
757  
758  
759  
760  
761  
762  
763  
764  
765  
766  
767  
768  
769  
770  
771  
772  
773  
774  
775  
776  
777  
778  
779  
780  
781  
782  
783  
784  
785  
786  
787  
788  
789  
790  
791  
792  
793  
794  
795  
796  
797  
798  
799  
800  
801  
802  
803  
804  
805  
806  
807  
808  
809  
810  
811  
812  
813  
814  
815  
816  
817  
818  
819  
820  
821  
822  
823  
824  
825  
826  
827  
828  
829  
830  
831  
832  
833  
834  
835  
836  
837  
838  
839  
840  
84

To

< Pclass = "text-align: center" > This font size is 24pt



## \* Tailwind font weight \*

It is used to give weight to your text.  
→ This property is replaced by font weight property.

### Syntax

<p class="font-thin"> font weight is 100 </p>

To  
<p class="black"> font weight 900 </p>

## \* Font style \*

2 types

i) italic

ii) non-italic

<p class="italic"> This font is italic </p>

<p class="non-italic"> This font is non-italic </p>

## \* Text Alignment \*

Four Types to align text.

- i) text - left      iii) text - right
- ii) text - center      iv) text - justify

→ This property is replaced by text-align.

### Syntax

<P class="text-left"> This is in left side </P>

<P class="text-right"> This is in Right side </P>

<P class="text-center"> This is in center </P>

<P class="text-justify"> Text is justified </P>

## \* Letter Spacing \*

→ It is used to give spacing between two letters.

→ This property is replaced by letter-spacing.

1) tracking - tighter.

2) tracking - normal.

3) tracking - wider.



## \* Text - Color \*

- This property is used to text your color.
- This is replaced by ~~text~~ color property.

\* Text color classes are

< p class = "text - red" > Transparent text < / p >

< p class = "text - current" > " "

" " " - gray - 500 > " "

< p " " " - red - 900 > " "

## \* Text - Opacity \*

- It is used to describe the transparency level of the text.

< p class "text - 100" > Tailwind < / p >

< p >

25

>

2 / 10



## \* List style type \*

→ It is used to list your items in order.

Numerical, decimal or none.

→ It is replaced by .list style type.

There are 3 types.

1) List - none.

2) List - disc

3) List - decimal.

```
<ul style="list-style-type: none;">  
  <li> .c++ </li>  
  <li> mern </li>
```

```
<ol style="list-style-type: decimal;">  
  <li> c++ </li>  
  <li> mern </li>
```

```
<ol style="list-style-type: none;">  
  <li> c++ </li>  
  <li> mern </li>
```





## \* Background -color \*

→ This property is used to color your background in less coding.

→ It is replaced by background-color.

## \* Background color classes

```
< p class="bg-transparent" > Tailwind
```

```
</p>
```

```
< p class="bg-current" > Tailwind
```

```
</p>
```

```
< p class="bg-gray-700" > Tailwind.
```

```
</p>
```

```
< p class="bg-red-700" > Tailwind
```

```
</p>
```

```
< p class="bg-purple-700" > Tailwind
```

```
</p>
```

## \* Tailwind Background Position \*

- It is used to give position to the background.
- It is replaced by background-position property.

→ classes.

1) bg-left-top

2) bg-top

3) bg-center

4) bg-right

5) bg-left

6) bg-bottom

## Syntax

`<div class="bg-top"> Tailwind </div>`

## \* width in Tailwind \*

- It is used to give width to your class.
- It is ~~sig~~ write by w-0, w-1, like.

## Syntax

`<div class="w-0"> w-0 </div>`

`<div class="w-full"> w-full </div>`



## \* Height in Tailwind \*

- It is used to give height to your text.
- It is just by h-0, h-1, h-pr, h-full.

### Syntax

<div class="h-pr"> H-pr </div>

<div class="h-24"> H-24 </div>

## \* Padding in Tailwind \*

- It is used to give border space between content and border.
- It is replaced by padding property.

### Syntax

<div class="p-0"> Tailwind </div>

<div class="px-px py-px"> Tailwind </div>

## \* Margin in Tailwind \*

→ In this it will give space between screen to borders.

→ It is replaced by margin, and written like m-o.

### Syntax

m-o → This is defined in margin all sides.

my-o - It is used to defined on top.

### ex

```
<div class="m-o"> Tailwind </div>
```

```
<div class="ml-2"> Tailwind </div>
```



## \* Border Radius \*

- It is used to give border radius to the div.
- It is replaced by `border-radius` property.
- It is mostly used for making ~~bottom~~ button.
- class:- `rounded-none`, `rounded-sm`, `rounded-md`

### Syntax

`<div class="rounded border-2"> 1 </div>`

`<div class="rounded-full"> 2 </div>`

## \* Justify Content \*

- It is used to justify your content.
- It is replaced by `justify-content`.

`<div class="justify"> Tailwind </div>`

`<div class="justify-center"> Tailwind </div>`

## \* Table \*

2 types:

→ table: auto.

→ table: fixed

<th>

<tr>

<td>

</tr>

</th>

</table>

This is how we will make your table.



## \* Space Between \*

→ It is very important class used to give space between two content.

→ It is replaced by space-between property, mostly used for navbar creation.

→ classes

↳ space-y-0

↳ space-x-0

### Syntax

`<div class="space-y-0"> ... </div>`

### Example

`<nav class="flex justify-between">`

`<div class="flex space-x-3">`

`<li> Home </li>`

`<li> Register </li>`

`<li> About </li>`

`<li> Contact </li>`

`</div>`

`</nav>`

## \* Border width \*

- It is used to give width to your border.
- It is mainly to make button looks good.
- classes.  
border, border-0, border-2

## Syntax

`<div class="border-2"> Tailwind </div>`

## example :

`<div class="w-56 mx-8 py-8 bg-red-700 text-white rounded-lg border-2 border-yellow-900"> Tailwind </div>`



## \* Cursor \*

-> This property decided that what type of cursor you want to display on your screen.

### -> Syntax

`<div class="cursor-q property"> --- </div>`

Example:

`<div class="text-center bg-red-200">`

`<h1 class="text-green text-5xl .pand bold">`

`<div class="cursor-auto bg-yellow"> Tailwind </div>`

`<div class="cursor-default bg-purple"> Tailwind </div>`

`<div class="cursor-help bg-blue"> Tailwind </div>`

`<div class="cursor-wait bg-white"> Tailwind </div>`

`<div class="cursor-not-allowed"> Tailwind </div>`

## \* Float \*

- > It is used to align your text from left to right.
- > It is replaced by CSS float properties

### class-

- 1) Float-right 2) Float-left 3) Float-none

Syntax <div class="float:right"> content </div>

<div class="float:left"> content </div>

## \* Flex \*

- > It is used to align your whole text in a row or in a column.

- > 1) Flex-row 2) Flex-col,  
3) Flex-row-reverse 4) Flex-col-reverse

### Syn

<div class="Flex Flex-row"> Text </div>