



STT-NF

Pemrograman Web

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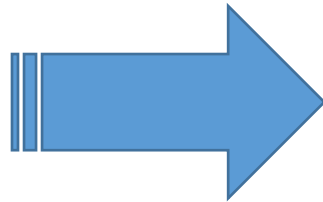
dev.xbata.com



@rojulman

7. CSS Formating Text Color & Background

- Typefaces Font
- Size
- Weight
- Style
- Variant



`font-family`

`font-size`

`font-weight`

`font-style`

`font-variant`

`font`

Typefaces Font :: font-family

font-family

Values: *one or more font or generic font family names, separated by commas*

Default: depends on the browser

Applies to: all elements

Inherits: yes

Use the **font-family** property to specify a font or list of fonts (known as a **font stack**) by name, as shown in these examples:

```
body { font-family: Arial; }  
var { font-family: Courier, monospace; }  
p { font-family: "Duru Sans", Verdana, sans-serif; }
```

Typefaces Font :: font-family

- Menentukan jenis huruf atau font yang digunakan
- Property: font-family
- Font-family: Verdana, Arial, Helvetica → font yang digunakan sesuai urutan support dari browser / komputer

CSS

```
body { font-family: Times, "Times New Roman", Georgia, serif; }  
h3 { font-family: Verdana, Arial, Helvetica, sans-serif; }  
p.author { font-family: "Courier New", Courier, monospace; }
```

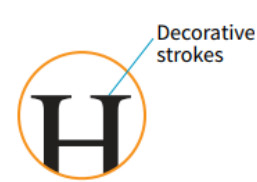
HTML

```
<h3>Origin of All</h3>  
<p class="author">by Wu Knows</p>  
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.  
Etiam id gravida...</p>
```

Generic – Font Families

1. Serif : *Times, Times New Roman, Georgia*
2. Sans-serif: *Arial, Arial Black, Verdana, Trebuchet MS, Helvetica, Geneva*
3. Monospace: *Courier, Courier New, Andale Mono*
4. Cursive: *Apple Chancery, Zapf-Chancery, Comic Sans*
5. Fantasy: *Impact, Western, or other decorative font*

serif



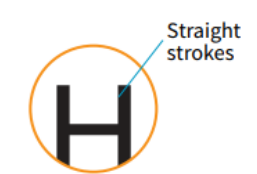
Hello
Times

Hello
Georgia

Hello
Times New Roman

Hello
Lucida

sans-serif



Hello
Verdana

Hello
Trebuchet MS

Hello
Arial

Hello
Arial Black

monospace

Wi
Monospace font
(equal widths)

Wi
Proportional font
(different widths)

Hello
Courier

Hello
Courier New

Hello
Andale Mono

cursive

Hello
Apple Chancery

Hello
Comic Sans

Hello
Snell

fantasy

Hello
Impact

HELLO
Stencil

HELLO
Mojo

font-size

Values: *length unit | percentage | xx-small | x-small | small | medium | large | x-large | xx-large | smaller | larger*

Default: medium

Applies to: all elements

Inherits: yes

Contoh:

```
h1 { font-size: 1.5em; }  
  
h1 { font-size: 150%; }  
  
h1 { font-size: x-large; }  
  
strong { font-size: larger; }
```

Relative units

<code>em</code>	<code>ex</code>	<code>rem</code>	<code>ch</code>
<code>vw</code>	<code>vh</code>	<code>vmin</code>	<code>vmax</code>

Relative Keyword: larger - smaller

Absolute units

<code>px</code>	<code>in</code>	<code>mm</code>	<code>cm</code>
<code>q</code>	<code>pt</code>	<code>pc</code>	

Absolute Keyword:

xx-small, x-small, small, medium, large, x-large, xx-large

Contoh Implementasi Font-Size : em

THE MARKUP

```
<h1>Headline in Body</h1>
<p>Pellentesque ligula leo,...</p>
<article>
  <h1>Headline in Article</h1>
  <p>Vivamus ...</p>
</article>
```

THE STYLES

```
h1 {
  font-size: 1.5em; /* sets all h1s to 1.5em */
}
article {
  font-size: .875em /* 14 pixels based on 16px default */
}
```

Headline in Body

Pellentesque ligula leo, dictum sit amet gravida ac, tempus at risus. Phasellus pretium mauris mi, in tristique lorem egestas sit amet. Nam nulla dui, porta in lobortis eu, dictum sed sapien. Pellentesque sollicitudin faucibus laoreet. Aliquam nec neque ultrices, faucibus leo a, vulputate mauris. Integer rhoncus sapien est, vel eleifend nulla consectetur a. Suspendisse laoreet hendrerit eros in ultrices. Mauris varius lorem ac nisl bibendum, non consectetur nibh feugiat. Vestibulum eu eros in lacus mollis sollicitudin.

Headline in Article

Vivamus a nunc mi. Vestibulum ullamcorper velit ligula, eget iaculis augue ultricies vitae. Fusce eu erat neque. Nam auctor nisl ut ultricies dignissim. Quisque vel tortor mi. Mauris sed aliquet orci. Nam at lorem efficitur mauris suscipit tincidunt a et neque.

font-weight

Values: normal | bold | bolder | lighter | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900

Default: normal

Applies to: all elements

Inherits: yes

Contoh: This is an example of the default text in Verdana.

normal | **bold** | **bolder** | lighter

100 | 200 | 300 | 400 | 500

600 | **700** | **800** | **900**

This is an example of the default text in Times.

normal | **bold** | **bolder** | lighter

100 | 200 | 300 | 400 | 500

600 | **700** | **800** | **900**

font-style

Values: normal | italic | oblique

Default: normal

Applies to: all elements

Inherits: yes

font-variant

Values: normal | small-caps

Default: normal

Applies to: all elements

Inherits: yes

font-stretch

Values: normal | ultra-condensed | extra-condensed | condensed |
semi-condensed | semi-expanded | expanded | extra-expanded |
ultra-expanded

Default: normal

Applies to: all elements

Inherits: yes

Line Height

line-height

Values: *number | length measurement | percentage | normal*

Default: *normal*

Applies to: *all elements*

Inherits: *yes*

```
p { line-height: 2; }
```

```
p { line-height: 2em; }
```

```
p { line-height: 200%; }
```

text-indent

Values: *length measurement | percentage*

2em

Default: 0

Applies to: block containers

Inherits: yes


25%

```
p#1 { text-indent: 2em; }
```


```
p#2 { text-indent: 25%; }
```

```
p#3 { text-indent: -35px; }
```


-35px



Paragraph 1. The text-indent of text by a specified amount. You can specify a length measurement or a percentage value.



Paragraph 2. The text-indent of the first line of text by a specified amount. You can specify a length measurement or a percentage value.



Paragraph 3. The text-indent property specifies the first line of text by a specified amount. You can specify a length measurement or a percentage value.

text-align

Values: left | right | center | justify | start | end

Default: start

Applies to: block containers

Inherits: yes

<code>text-align: left</code>	Aligns text on the left margin
<code>text-align: right</code>	Aligns text on the right margin
<code>text-align: center</code>	Centers the text in the text block
<code>text-align: justify</code>	Aligns text on both right and left margins

text-decoration

Values: none | underline | overline | line-through | blink

Default: none

Applies to: all elements

Inherits: no, but since lines are drawn across child elements, they may look like they are “decorated” too

underline Underlines the element

overline Draws a line over the text

line-through Draws a line through the text

Text - Transform

Mengatur huruf besar-kecil dari text

text-transform

Values: none | capitalize | lowercase | uppercase | full-width

Default: none

Applies to: all elements

Inherits: yes

`text-transform: none;`
(as it was typed in the source)

And I know what you're thinking.

`text-transform: capitalize;`

And I Know What You're Thinking.

`text-transform: lowercase;`

and i know what you're thinking.

`text-transform: uppercase;`

AND I KNOW WHAT YOU'RE THINKING.

Mengatur bayangan dari text

text-shadow

Values: *'horizontal offset' 'vertical offset' 'blur radius' 'color' | none*

Default: none

Applies to: all elements

Inherits: yes

The Jenville Show

```
text-shadow: .2em .2em silver;
```

The Jenville Show

```
text-shadow: -.3em -.3em silver;
```

CSS List – Bullet & Numbering

list-style-type

Values: none | disc | circle | square | decimal | decimal-leading-zero | lower-alpha | upper-alpha | lower-latin | upper-latin | lower-roman | upper-roman | lower-greek

Default: disc

Applies to: ul, ol, and li (or elements whose display value is list-item)

Inherits: yes

- disc
- radish
 - avocado
 - pomegranite
 - cucumber
 - persimmon

- circle
- radish
 - avocado
 - pomegranite
 - cucumber
 - persimmon

- square
- radish
 - avocado
 - pomegranite
 - cucumber
 - persimmon

List Number / Huruf

Keyword	System
decimal	1, 2, 3, 4, 5...
decimal-leading-zero	01, 02, 03, 04, 05...
lower-alpha	a, b, c, d, e...
upper-alpha	A, B, C, D, E...
lower-latin	a, b, c, d, e... (same as lower-alpha)
upper-latin	A, B, C, D, E... (same as upper-alpha)
lower-roman	i, ii, iii, iv, v...
upper-roman	I, II, III, IV, V...
lower-greek	α , β , γ , δ , ϵ ...

```
ul {  
    list-style-type: decimal;  
}
```

1. Biru
2. Merah
3. Hijau

CSS List – Bullet Image

list-style-image




Values: `url(location) | none`

Default: `none`

Applies to: `ul`, `ol`, and `li` (or elements whose display value is `list-item`)

Inherits: `yes`

```
ul {  
  list-style-type: disc;  
  list-style-image: url(/images/rainbow.gif);  
  list-style-position: outside;  
}
```

-  Puppy dogs
-  Sugar frogs
-  Kitten's baby teeth

```
color: silver;
background-color: gray;
border-bottom-color: teal;
```

black	white	purple
lime	navy	aqua
silver	maroon	fuchsia
olive	blue	orange
gray	red	green
yellow	teal	

			
black #000000	gray #808080	silver #C0C0C0	white #FFFFFF
			
maroon #800000	red #FF0000	purple #800080	fuchsia #FF00FF
			
green #008000	lime #00FF00	olive #808000	yellow #FFFF00
			
navy #000080	blue #0000FF	teal #008080	aqua #00FFFF
			
orange (CSS 2.1)			

color

Values: *color value (name or numeric)*

Default: depends on the browser and user's preferences

Applies to: all elements

Inherits: yes

Contoh:

```
h1 { color: gray; }  
h1 { color: #666666; }  
h1 { color: #666; }  
h1 { color: rgb(102,102,102); }
```

Element selector `p { color: navy; }`

Grouped selectors `p, ul, td, th { color: navy; }`

CSS Text – Background Color

CSS memberi warna latar belakang

background-color

Values: *color value (name or numeric)* | transparent

Default: transparent

Applies to: all elements

Inherits: no

Contoh:

```
blockquote {  
  border: 4px dashed;  
  color: green;  
  background-color: #c6de89;  
}
```

In the latitude of central New England, cabbages are not secure from injury from frost with less than a foot of earth thrown over the heads. In mild winters a covering of half that depth will be sufficient; but as we have no prophets to foretell our mild winters, a foot of earth is safer than six inches.

CSS Text – Background Color

CSS memberi batas dari latar belakang

background-clip

Values: border-box | padding-box | content-box

Default: border-box

Applies to: all elements

Inherits: no

Contoh:

In the latitude of central New England,
cabbages are not secure from injury from
frost with less than a foot of earth thrown
over the heads.

background-clip: border-box;

In the latitude of central New England,
cabbages are not secure from injury from
frost with less than a foot of earth thrown
over the heads.

background-clip: padding-box;

In the latitude of central New England,
cabbages are not secure from injury from
frost with less than a foot of earth thrown
over the heads.

background-clip: content-box;

CSS memberi background halaman: warna/image

background

Values: *background-color background-image background-repeat background-attachment background-position background-clip background-origin background-size*

Default: see individual properties

Applies to: all elements

Inherits: no

Contoh:

```
body { background: white url(star.png) no-repeat right top fixed; }
```

```
body {  
    background-color: white;  
    background-image: url(star.png);  
    background-repeat: no-repeat;  
    background-position: right top;  
    background-attachment: fixed;  
}
```

CSS - Background Page

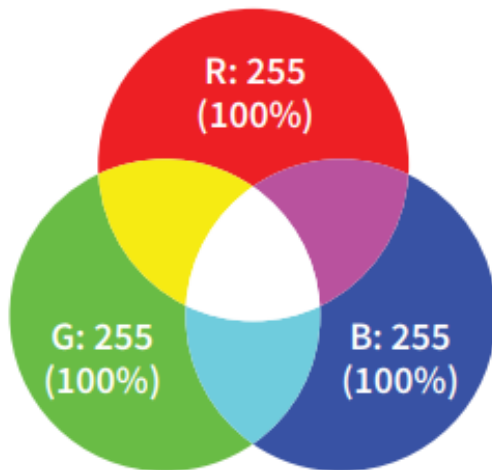
CSS memberi background halaman: warna/image

```
body {  
  background:  
    url(image1.png) left top no-repeat,  
    url(image2.png) center center no-repeat,  
    url(image3.png) right bottom no-repeat;  
}
```

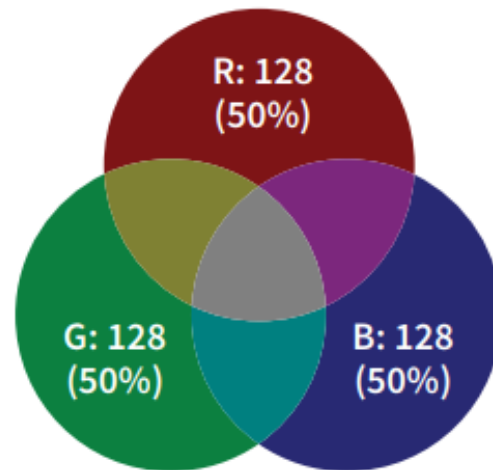


CSS RGB Color

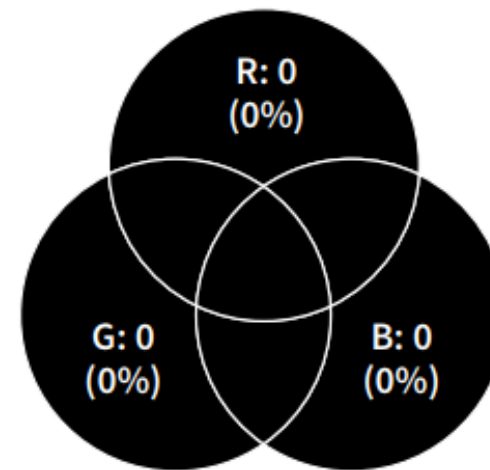
Gunakan fungsi RGB untuk nilai warna dengan tiga nilai argumen
(nilai range 0 – 255 atau % 0 – 100)



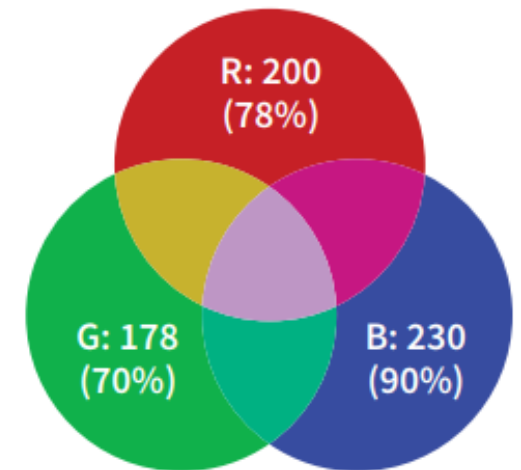
RGB: 255, 255, 255
white



RGB: 128, 128, 128
gray



RGB: 0, 0, 0
black



RGB: 200, 178, 230
pleasant lavender

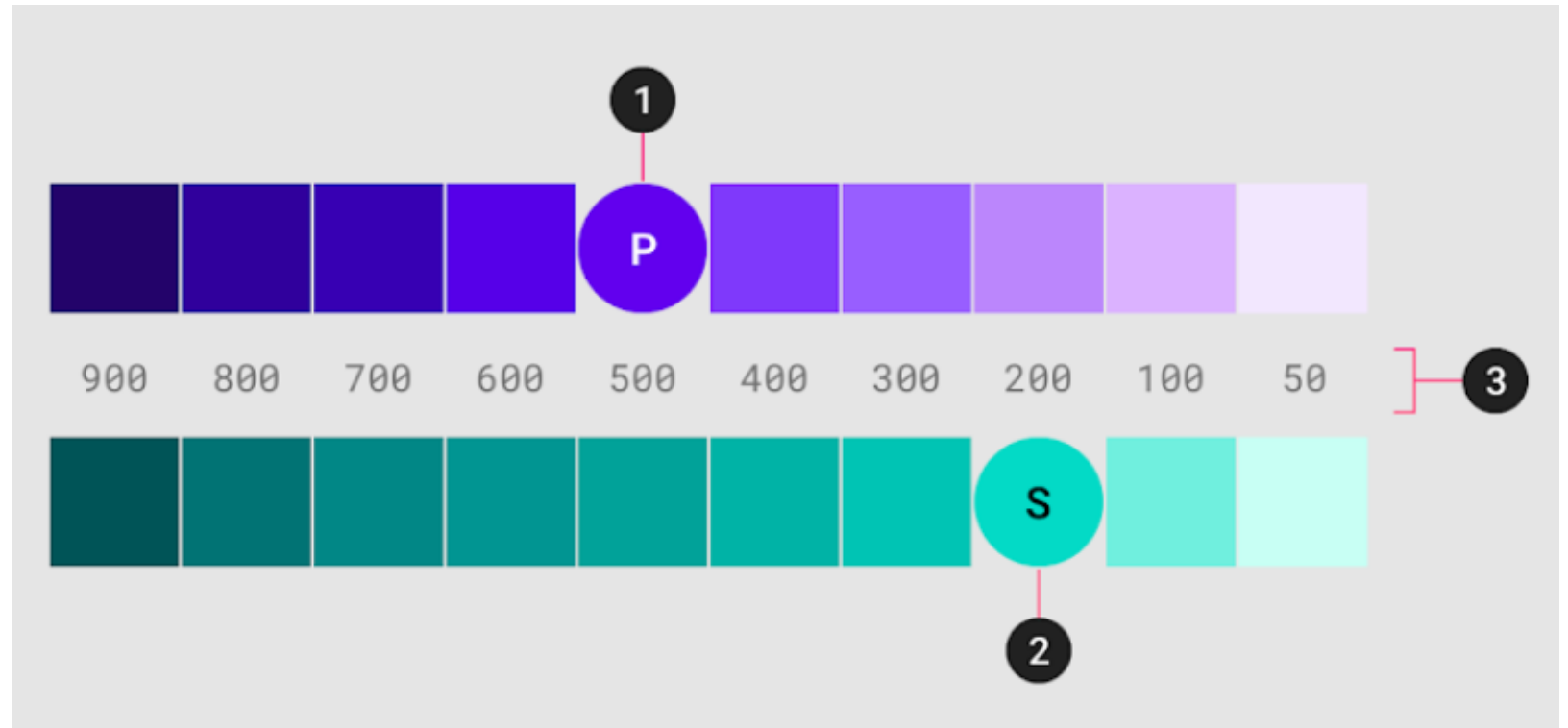
```
color: rgb(200, 178, 230);
```

```
color: rgb(78%, 70%, 90%);
```

CSS Color :: Primary - Secondary

Gradasi Warna : Color Material Design

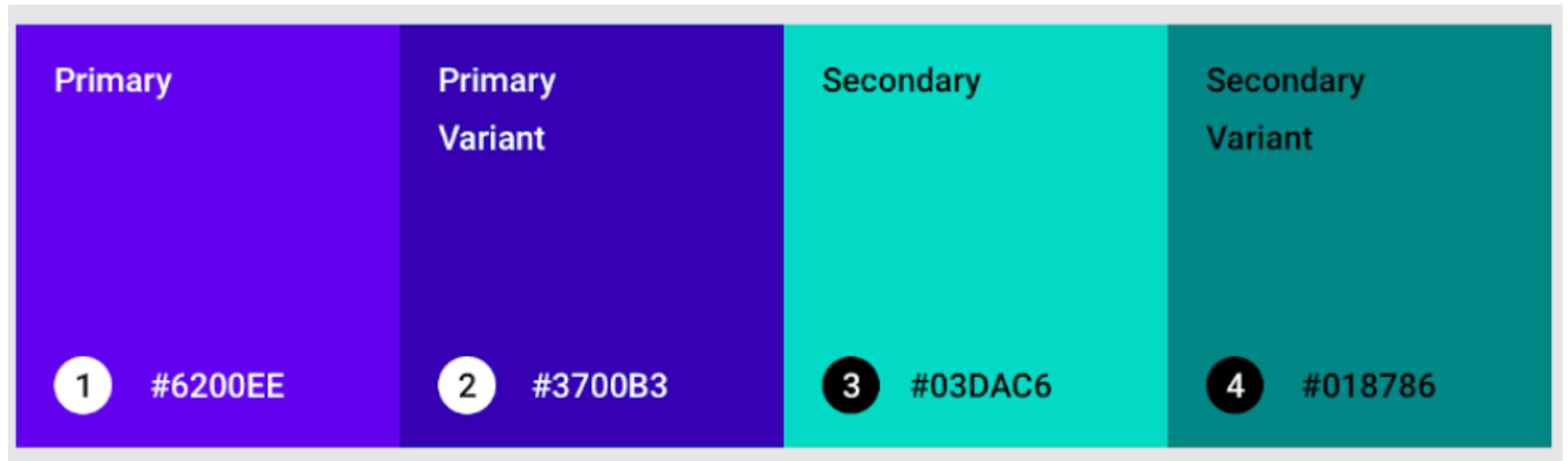
1. Primary Color
2. Secondary Color
3. Light and dark variants



<https://material.io/design/color/the-color-system.html>

Gradasi Warna : Color Material Design

1. Primary Color
2. Secondary Color
3. Light and dark variants



<https://material.io/design/color/the-color-system.html>

Gradasi Warna : Color Material Design

1. Primary Color
2. Secondary Color
3. Light and dark variants

Red 50	#FFEBEE	Pink 50	#FCE4EC	Purple 50	#F3E5F5
100	#FFCDD2	100	#F8BBD0	100	#E1BEE7
200	#EF9A9A	200	#F48FB1	200	#CE93D8
300	#E57373	300	#F06292	300	#BA68C8
400	#EF5350	400	#EC407A	400	#AB47BC
500	#F44336	500	#E91E63	500	#9C27B0
600	#E53935	600	#D81B60	600	#8E24AA
700	#D32F2F	700	#C2185B	700	#7B1FA2
800	#C62828	800	#AD1457	800	#6A1B9A
900	#B71C1C	900	#880E4F	900	#4A148C
A100	#FF8A80	A100	#FF80AB	A100	#EA80FC
A200	#FF5252	A200	#FF4081	A200	#E040FB
A400	#FF1744	A400	#F50057	A400	#D500F9
A700	#D50000	A700	#C51162	A700	#AA00FF

<https://material.io/design/color/the-color-system.html>