

Pemrograman Web

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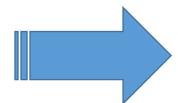
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7. CSS Formating Text Color & Background



- Typefaces Font
- Size
- Weight
- Style
- Variant



```
font-family
font-size
font-weight
font-style
font-variant
font
```

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>
class="author">by Wu Knows
Lorem ipsum dolor sit amet, consectetur adipiscing elit.
    Etiam id gravida...
```



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
- Cursive: Apple Chancery, Zapf-Chancery, Comic Sans
- 5. Fantasy: Impact, Western, or other decorative font

Hello Hello serif Georgia Hello Hello Times New Roman Lucida sans-serif Hello Hello Straight Verdana Trebuchet MS Hello Hello Arial Arial Black monospace Hello Courier Hello Hello Monospace font Proportional font Courier New Andale Mono (equal widths) (different widths) cursive Hello Hello Hello Apple Chancery fantasy Hello Stencil



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

em ex rem ch

vw vh vmin vmax

Absolute units

px in mm cm

q pt pc

Relative Keyword: larger - smaller

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>
Pellentesque ligula leo,...
<article>
   <h1>Headline in Article</h1>
   Vivamus ...
</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 Contoh: This is an example of the default text in Verdana.

Applies to: all elements normal | bold | bolder | lighter

100 | 200 | 300 | 400 | 500 | Inherits: ves

herits: yes 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

font-variant

Values: normal | italic | oblique

normal | small-caps Values:

Default: normal Default: normal

Applies to: all elements Applies to: all elements

Inherits: yes 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



Mengatur jarak minimum antar text

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%; }
```



Mengatur jarak inden text awal

text-indent

length measurement | percentage Values:

Default: 0

block containers Applies to:

Inherits: ves

p#1 { text-indent: 2em; } p#2 { text-indent: 25%; }

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

2em

Paragraph 1. The text-inde of text by a specified amount. Y measurement or a percentage v

25%

Paragraph 2. 7 the first line of text by a specific measurement or a percentage v

-35px

Paragraph 3. The text-indent property a specified amount. You can spe percentage value.



Mengatur horizontal text

text-align

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

Default: start

Applies to: block containers

Inherits: yes

text-align: left Aligns text on the left margin

text-align: right Aligns text on the right margin

text-align: center Centers the text in the text block

text-align: justify Aligns text on both right and left margins

Mengatur dekorasi dari text

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

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; And I know what you're thinking.

(as it was typed in the source)

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 circle square radish radish o radish avocado avocado avocado pomegranite pomegranite pomegranite cucumber cucumber cucumber persimmon persimmon 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	$\alpha, \beta, \gamma, \delta, \epsilon$

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

- 1. Biru
- 2. Merah
- 3. Hijau

CSS List – Bullet Image

list-style-image Values: url(location) | none Default: none ul, ol, and li (or elements whose display value is list-item) Applies to: Inherits: yes ul { Puppy dogs list-style-type: disc; Sugar frogs list-style-image: url(/images/rainbow.gif); list-style-position: outside; 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





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); }
```

CSS Text – Background Color

background-color

CSS memberi warna latar belakang

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

background-clip

CSS memberi batas dari latar belakang

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

Default: border-box Contoh:

Applies to: all elements

Inherits: no

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 Background Page

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;
}
```

Cabbage Recipes

From The Whitehouse Cookbook (1887)

CARRAGE WITH CREAM.

Remove the mater leaves from a said, wenth second head of cabbage, and not the community as how as for above. Here on the low a qualet [Fg 201] or deep skiller, and when it is hot put in the cost cabbage, pressing over it right story a past of boiling water. Over closely and allow it to cook registly for ten amounts. Deale off the water and add half a piet of new mole, or part mile, and cover, when it holds, with an ideap inexposance of either whose or now floor members with make, and add paper, and as soon in it common to a feet, serve. Those who find slow and other disting propared iron authors in significant propared iron authors.

LADIES CARBAGE.

Had a firm white calcount films minutes, changing the water than for more from the builing tea kerde. When tender, don't end set wide until perfectly cold. Chop fire and old two beam eggs, a table-proceed of builties, proper, with times as builties of table will agree that we'll agreed any time in a builties of perfectly cold. The cold members confidence and is very dispertite and polarish and polarish and polarish and polarish.

PRIED CARRAGE.

Place in a frying par an course of future and hout it hedding hot. Then take odd hedded solvings chopped fine, or callings from, cooked the same as encurred callings, put it into the her butter and try a light brown, saiding two tablespaceable of visuges. Very good.

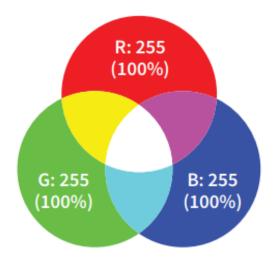
FRENCH WAY OF COOKING CABBAGE.

Compared before white earlings and let it does till perfectly dry stor as some melted before to before purpor, sell and four infromposed de of course, offer it is beauty princip and the and becomes a deficial before on the scales rate. Place a [Fig 202] to it does not be part, which must be contrast when must not transport when must not are be sovered.

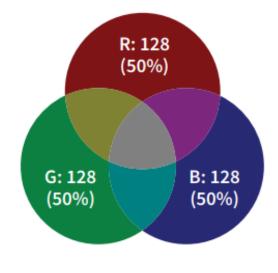
SOURCEOUT.

Storeds bening both more or vinerges are used to propose accurate in. It is better, because, as here a special barrel for the purpose. Strucking, as well and Alexan, but a well amplied from fair preparing the cibbleges. They since very white such first colleages in this should with a machine made for the purpose. Strucking and the cibbleges in a first better in a small proper of solders and advantages and such in the large part of colors and and advantage part of the prepared decays in a part of the prepared decays are advantage to a prepared as a prepared as a decay of the prepared decays are advantage as a part of the pa

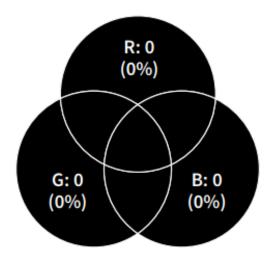
Gunakan fungsi RGB untuk nilai warna dengan tiga nilai argumen (nilai range 0 – 255 atau % 0 – 100)



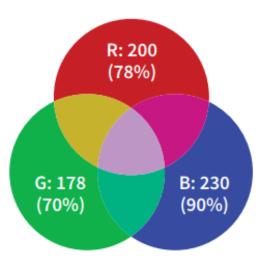
RGB: 255, 255, 255 white



RGB: 128, 128, 128 gray



RGB: 0, 0, 0 black



RGB: 200, 178, 230 pleasant lavender

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

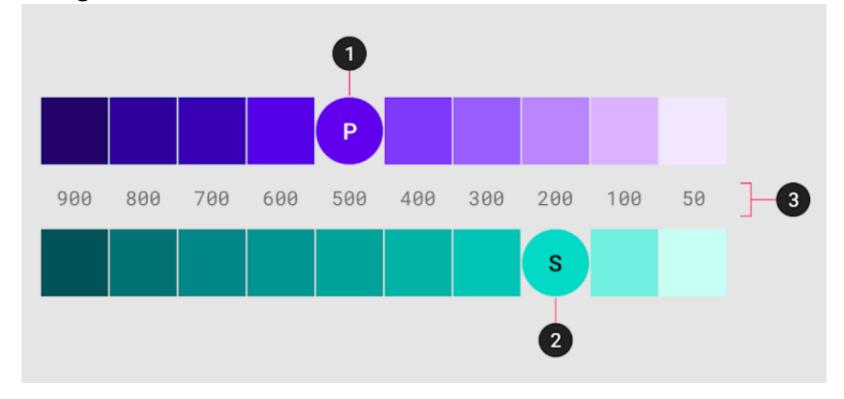
color: rgb(78%, 70%, 90%);



CSS Color :: Primary - Secondary

Gradasi Warna: Color Material Design

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



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



CSS – Color Material Design

Gradasi Warna: Color Material Design

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



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



CSS – Color Material Design

Gradasi Warna: Color Material Design

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

Red 50	#FFEBEE
100	#FFCDD2
200	#EF9A9A
300	#E57373
400	#EF5350
500	#F44336
600	#E53935
700	#D32F2F
800	#C62828
900	#B71C1C
A100	#FF8A80
A200	#FF5252
A400	#FF1744
A700	#D50000

Pink 50	#FCE4EC
100	#F8BBD0
200	#F48FB1
300	#F06292
400	#EC407A
500	#E91E63
600	#D81B60
700	#C2185B
800	#AD1457
900	#880E4F
A100	#FF80AB
A200	#FF4081
A400	#F50057
A700	#C51162
·	

Purple 50	#F3E5F5
100	#E1BEE7
200	#CE93D8
300	#BA68C8
400	#AB47BC
500	#9C27B0
600	#8E24AA
700	#7B1FA2
800	#6A1B9A
900	#4A148C
A100	#EA80FC
A200	#E040FB
A400	#D500F9
A700	#AA00FF

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