

{CSS}

{CSS}


Cascading Style Sheet




“

mekanisme sederhana yang mengatur gaya / *style* (cth: warna, ukuran, posisi, dll) pada halaman web.

<http://www.w3.org/style/CSS>



Mark Zuckerberg 

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2014

2013

2012

2011

2010

2009

2008

2007

2006

2005

2004

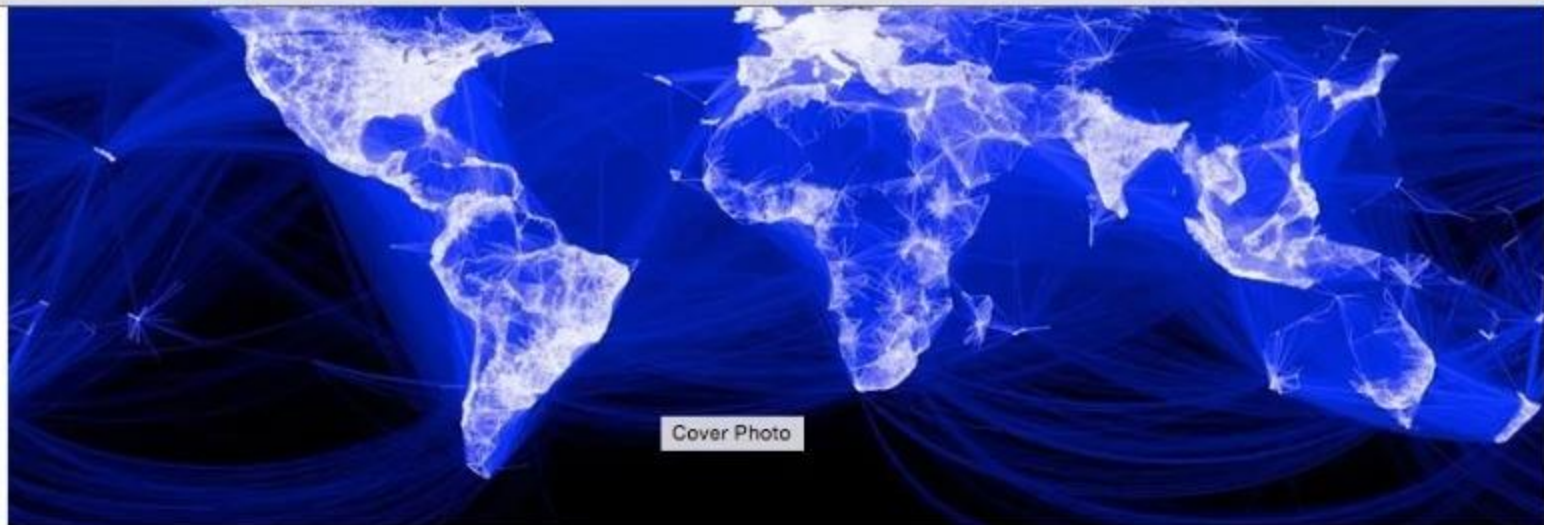
2003

2002

2000

1998

Born



111

Mark Zuckerberg

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SAKSIKAN STREAMING

Sabtu, 31 Jan 2015
Pukul 16:00 WIB
LIVE dari SINOU KAFFEE

#LIVECHAT KUSTIK
SPECIAL AFGANISME



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SAKSIKAN STREAMING

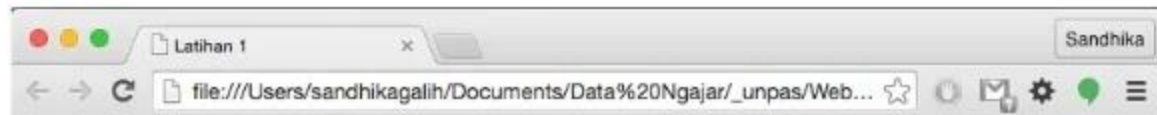
Sabtu, 31 Jan 2015
Pukul 16:00 WIB
LIVE dari SINOU KAFFEE

#LIVECHAT KUSTIK
SPECIAL
AFGANISME



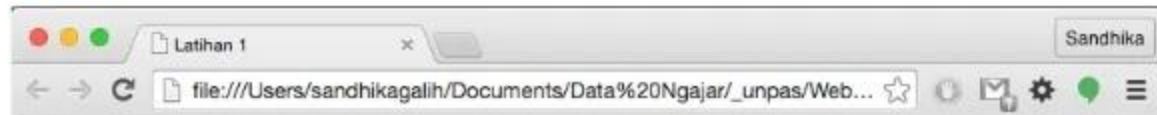
sebelum **CSS**

sebelum CSS (memberi style pada tulisan dengan HTML)



Hello World

sebelum CSS (memberi style pada tulisan dengan HTML)



Hello World

```
<font size="+6" color="lightblue" face="arial"><center><h1>Hello World</h1></center></font>
```

sebelum CSS (memberi style pada tulisan dengan HTML)



```
<font size="+6" color="lightblue" face="arial">  
  <center>  
    <h1>Hello World</h1>  
  </center>  
</font>
```

dengan **CSS**

dengan CSS

HTML

```
<h1>Hello World</h1>
```

CSS

```
h1 {  
  font-size: 120px;  
  font-family: arial;  
  color: lightblue;
```



Hello World

{CSS}

Cascading Style Sheet

Cascading Style Sheet

- Aturan yang digunakan untuk menampilkan elemen / tag HTML
- Dibuat terpisah dengan HTML
- Bertujuan untuk memisahkan konten dan style
- 1 CSS dapat digunakan untuk banyak halaman HTML
- 1 halaman HTML dapat terlihat berbeda jika menggunakan CSS yang berbeda pula

1 CSS dapat digunakan di banyak halaman



Halaman 1

Klik [disini](#) untuk mengetahui informasi lebih lanjut.

[Ke Halaman 3, Bagian 3](#)



Halaman 2

[Kembali Ke Halaman 1](#)



Halaman 3

- [Ke Bagian 1](#)
- [Ke Bagian 2](#)
- [Ke Bagian 3](#)

Bagian 1

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id

1 CSS dapat digunakan di banyak halaman



Halaman 1

Klik [disini](#) untuk mengetahui informasi lebih lanjut.

[Ke Halaman 3, Bagian 3](#)



Halaman 2

[Kembali Ke Halaman 1](#)

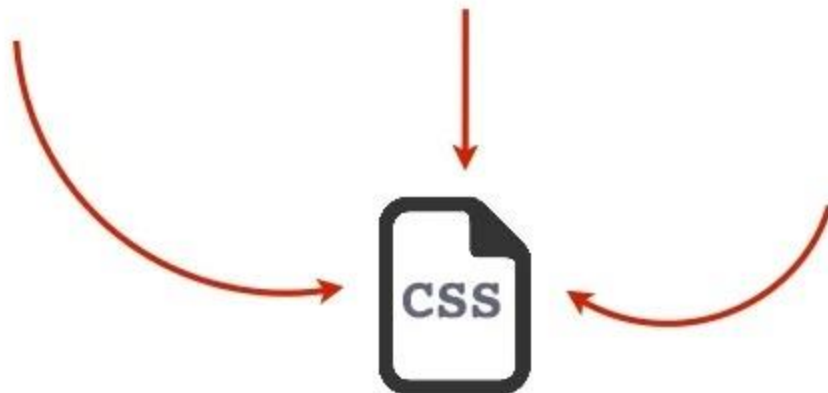


Halaman 3

- [Ke Bagian 1](#)
- [Ke Bagian 2](#)
- [Ke Bagian 3](#)

Bagian 1

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id



1 CSS dapat digunakan di banyak halaman



Halaman 1

Klik [disini](#) untuk mengetahui informasi lebih lanjut.

[Ke Halaman 3, Bagian 3](#)



Halaman 2

[Kembali Ke Halaman 1](#)

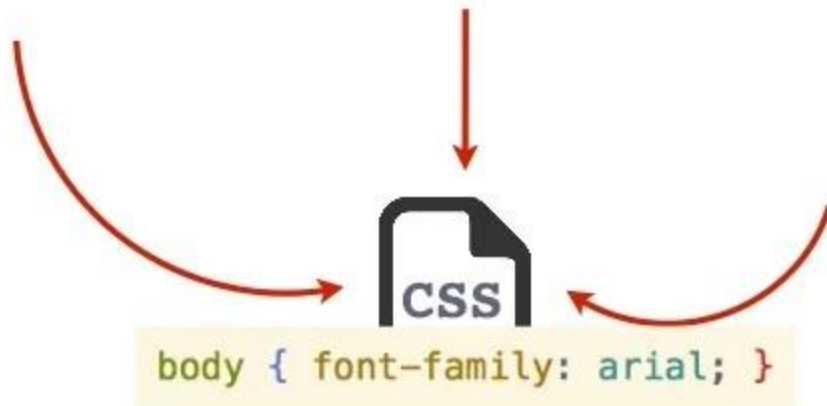


Halaman 3

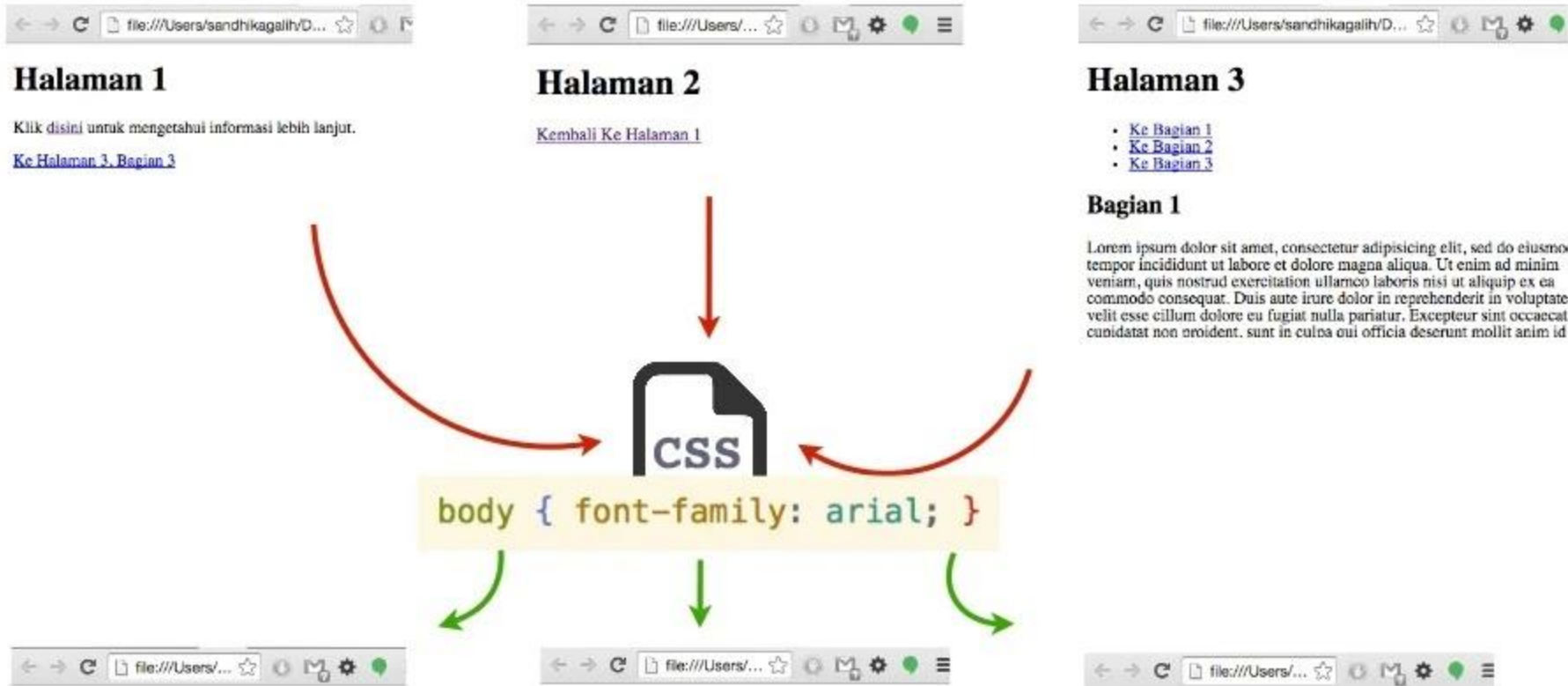
- [Ke Bagian 1](#)
- [Ke Bagian 2](#)
- [Ke Bagian 3](#)

Bagian 1

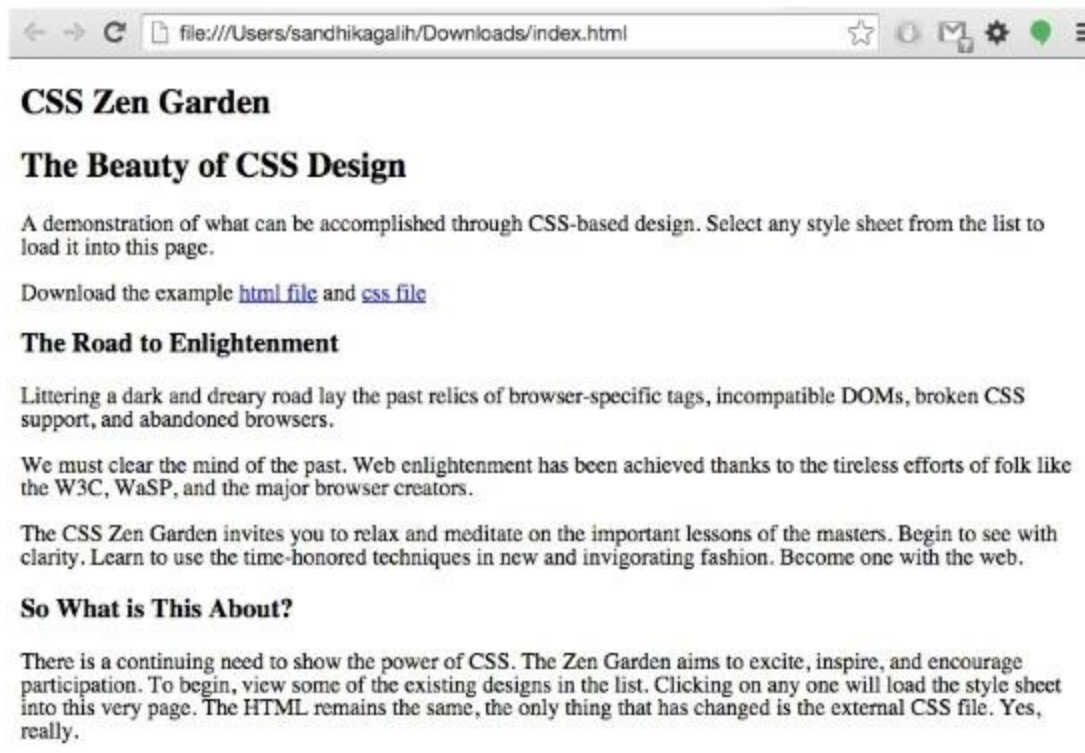
Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id



1 CSS dapat digunakan di banyak halaman



1 HTML dapat tampil berbeda dengan CSS berbeda



1 HTML dapat tampil berbeda dengan CSS berbeda



1 HTML dapat tampil berbeda dengan CSS berbeda



A demonstration of what can be accomplished through CSS-based design. Select any style sheet from the list to load it into this page.

Download the example  HTML FILE and  CSS FILE

THE ROAD TO ENLIGHTENMENT

Littering a dark and dreary road lay the past relics of browser-specific tags, incompatible DOMs, broken CSS support, and abandoned browsers.

We must clear the mind of the past. Web enlightenment has been achieved thanks to the

1 HTML dapat tampil berbeda dengan CSS berbeda

www.csszengarden.com

sekian

next?

anatomy
CSS

{CSS} anatomy

```
selector { property: value; }
```

selector



h1

{

color:

blue;

}

value



property




```
h1 {  
    font-family: "Courier New";  
    text-align: center;  
    font-size: 30px;  
    color: blue;  
}
```



selector { property: value; }

Selector

- Digunakan untuk memilih dan memanipulasi elemen spesifik pada HTML.
- Elemen HTML dipilih berdasarkan tag, id, class bahkan pola / pattern.
- Semakin kompleks struktur HTML, selector juga bisa semakin kompleks / spesifik

Selector

```
h1 { color: blue; }
```

dibaca: CSS, pilih seluruh elemen h1, lalu ubah teks didalamnya menjadi berwarna biru

```
selector { property: value; }
```

Property & Value

background-attachment

background-color

background-image

background-position

background-repeat

border

border-collapse

border-color

border-spacing

border-style

elevation

empty-cells

float

font

font-family

font-size

font-size-adjust

font-stretch

font-style

font-variant

page

page-break-after

page-break-before

page-break-inside

pause

pause-after

pause-before

pitch

pitch-range

play-during

Property & Value

background-attachment

background-color

background-image

background-position

background-repeat

border

border-collapse

border-color

border-spacing

border-style

elevation

empty-cells

float

font

font-family

font-size

font-stretch

font-style

font-variant

page

page-break-after

page-break-before

page-break-inside

pause

pause-after

pause-before

pitch

pitch-range

play-during

350++

Property & Value

[https://developer.mozilla.org/en-US/
docs/Web/CSS/Reference](https://developer.mozilla.org/en-US/docs/Web/CSS/Reference)

<http://css-tricks.com/almanac>

sekian.

next?

Let's code!

menempatkan
{CSS}



- embed
`<style></style>`

- embed

<style></style>

- inline

<p style="color: lightblue;"> ... </p>

- embed

<style></style>

- inline

<p style="color: lightblue;" ... </p>

- external

<link rel="stylesheet" href="style.css">

Embed

```
<!DOCTYPE html>
<html>
<head>
  <title>Coba CSS</title>
  <style>
    body { font-family: arial; }
    h1 { color: lightblue; }
    p {
      line-height: 1.6em;
      color: grey;
    }
  </style>
</head>
<body>

  <h1>Hello World</h1>
```

```
  <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo
```

Embed

```
<!DOCTYPE html>
<html>
<head>
  <title>Coba CSS</title>
  <style>
    body { font-family: arial; }
    h1 { color: lightblue; }
    p {
      line-height: 1.6em;
      color: grey;
    }
  </style>
</head>
<body>

  <h1>Hello World</h1>

  <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo
```

Embed



Hello World

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Inline

```
<!DOCTYPE html>
<html>
<head>
  <title>Coba CSS</title>
</head>
<body>

  <h1 style="text-align: center; font-size: 60px;">Hello World</h1>

  <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo
consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse
cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non
proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>

</body>
</html>
```

Inline

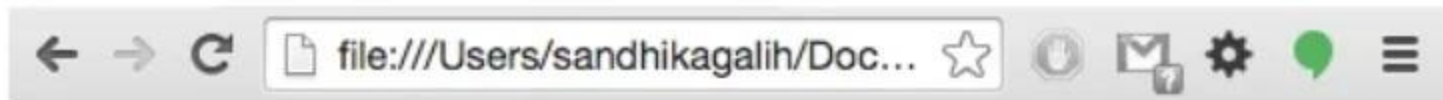
```
<!DOCTYPE html>
<html>
<head>
  <title>Coba CSS</title>
</head>
<body>

  <h1 style="text-align: center; font-size: 60px;">Hello World</h1>

  <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo
consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse
cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non
proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>

</body>
</html>
```

Inline



Hello World

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

external



external.html



style.css

external

```
external.html x
<!DOCTYPE html>
<html>
<head>
  <title>Coba CSS</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>

  <h1>Hello World</h1>
  <p>Lorem ipsum dolor sit amet, consectetur
adipiscing elit, sed do eiusmod tempor incididunt
ut labore et dolore magna aliqua. Ut enim ad minim
veniam, quis nostrud exercitation ullamco laboris
nisi ut aliquip ex ea commodo consequat. Duis aute
irure dolor in reprehenderit in voluptate velit
esse cillum dolore eu fugiat nulla pariatur.
Excepteur sint occaecat cupidatat non proident,
sunt in culpa qui officia deserunt mollit anim id

style.css x
1 body {
2   font-family: arial;
3 }
4
5 h1 {
6   text-align: center;
7   color: lightblue;
8 }
9
10 p {
11   color: grey;
12   line-height: 1.6em;
13 }
```

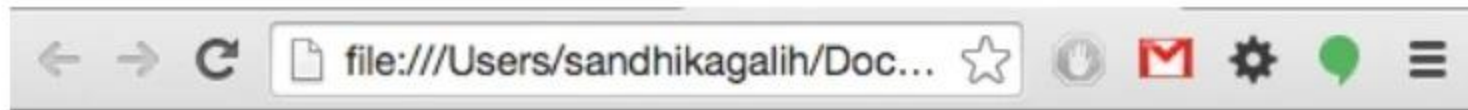

external

```
external.html x
<!DOCTYPE html>
<html>
<head>
  <title>Coba CSS</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>

  <h1>Hello World</h1>
  <p>Lorem ipsum dolor sit amet, consectetur
adipiscing elit, sed do eiusmod tempor incididunt
ut labore et dolore magna aliqua. Ut enim ad minim
veniam, quis nostrud exercitation ullamco laboris
nisi ut aliquip ex ea commodo consequat. Duis aute
irure dolor in reprehenderit in voluptate velit
esse cillum dolore eu fugiat nulla pariatur.
Excepteur sint occaecat cupidatat non proident,
sunt in culpa qui officia deserunt mollit anim id

style.css x
1 body {
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5 h1 {
6   text-align: center;
7   color: lightblue;
8 }
9
10 p {
11   color: grey;
12   line-height: 1.6em;
13 }
```

external



Hello World

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa

selesai.

next?

text & font styling

font
styling

Font

font-family

mengatur jenis font yang akan digunakan

font-size

mengatur ukuran font

font-weight

mengatur ketebalan font

font-variant

mengubah font menjadi *small caps*

Font

font-style

mengubah font menjadi bercetak miring

line-height

mengatur spasi antar baris

font-family

nama font

generic family

font-family

nama font

generic family

```
body {  
    font-family: arial, verdana, sans-serif;  
}
```

font-family

nama font

generic family

The diagram illustrates the components of the `font-family` CSS property. It features a code snippet on a yellow background: `body { font-family: arial, verdana, sans-serif; }`. Above the code, the text "nama font" (font name) has two red arrows pointing to the specific font names "arial" and "verdana". The text "generic family" has a red arrow pointing to "sans-serif".

```
body {  
  font-family: arial, verdana, sans-serif;  
}
```

Sans-serif

Serif

font-size

px

%

em

font-weight

lighter

normal

100-900

bold

font-variant

normal

small-caps

font-variant

normal

small-caps

```
<h1>Hello World</h1>
```


font-variant

normal

small-caps



Hello World

normal

```
<h1>Hello World</h1>
```

font-style

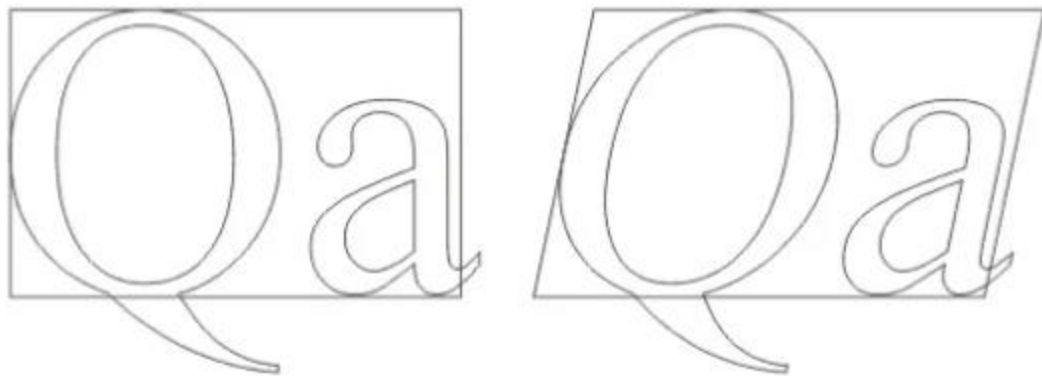
normal

italic

oblique

font-style

oblique



italic



line-height

normal

px

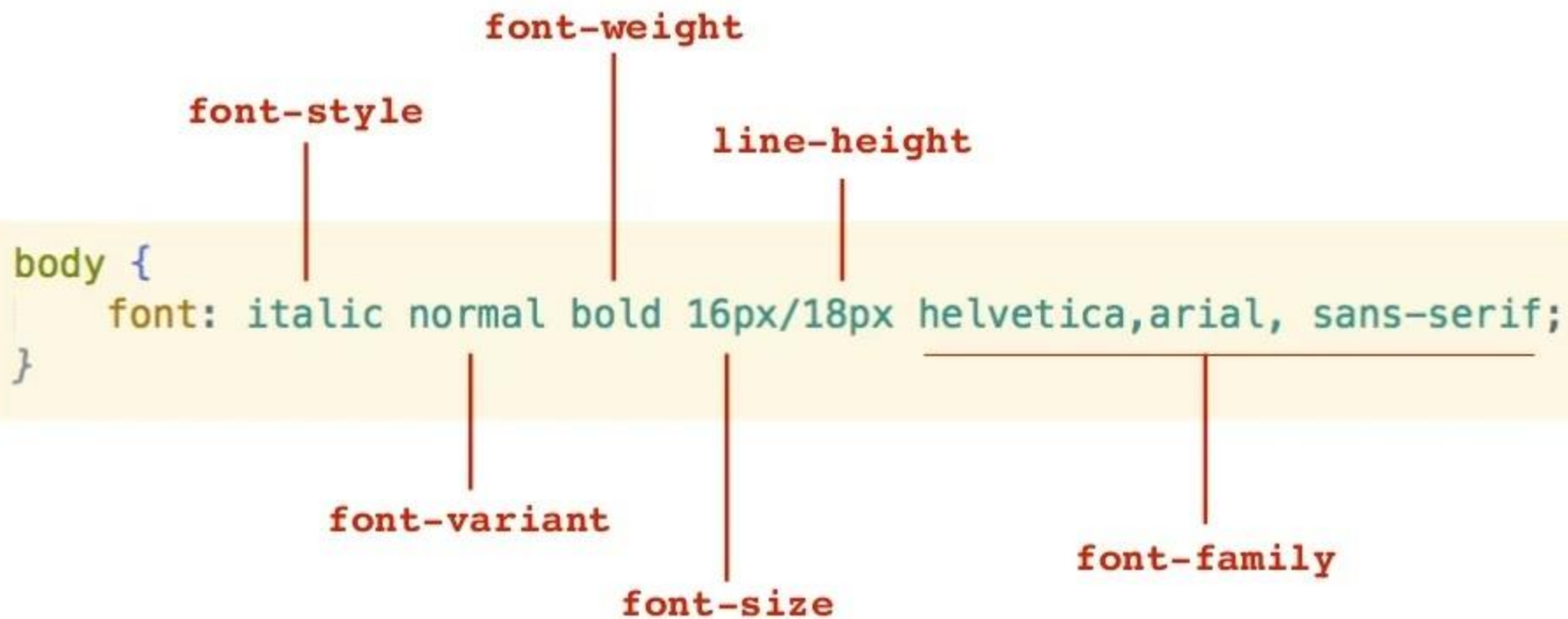
em

CSS font

shorthand / *singkatan*

```
body {  
    font-style: italic;  
    font-variant: normal;  
    font-weight: bold;  
    font-size: 16px;  
    line-height: 18px;  
    font-family: helvetica, arial, sans-serif;  
}
```

```
body {  
  font: italic normal bold 16px/18px helvetica,arial, sans-serif;  
}
```



A diagram illustrating the components of the CSS `font` shorthand property. The shorthand is shown as `font: italic normal bold 16px/18px helvetica,arial, sans-serif;` within a yellow highlighted box. Vertical lines connect specific parts of the shorthand to their corresponding CSS property names: `italic` to `font-style`, `normal` to `font-style`, `bold` to `font-weight`, `16px` to `font-size`, `18px` to `line-height`, and `helvetica,arial, sans-serif` to `font-family`. The `font-variant` property is also labeled with a line pointing to the space between `normal` and `bold`.

```
body {  
  font: italic normal bold 16px/18px helvetica,arial, sans-serif;  
}
```

font-style

font-weight

line-height

font-variant

font-size

font-family


```
body {  
  font: italic normal bold 16px/18px helvetica,arial, sans-serif;  
}
```

The diagram illustrates the components of the CSS font declaration `font: italic normal bold 16px/18px helvetica,arial, sans-serif;` and categorizes them as optional or mandatory (wajib).

- italic**: optional
- normal**: optional
- bold**: optional
- 16px/18px**: optional
- helvetica,arial, sans-serif**: wajib

Additional mandatory components (wajib) indicated by lines pointing to the declaration:

- font**: wajib
- font family list**: wajib

text
styling

komentar

`/* ini adalah komentar pada CSS */`

Text

color

memberi warna pada tulisan

text-align

mengatur format paragraf / teks

text-indent

memberi indentasi pada paragraf / teks

text-decoration

mengatur dekorasi pada teks

Text

letter-spacing

mengatur spasi antar huruf

word-spacing

mengatur spasi antar kata

color

nama warna

red, **lightseagreen**, **royalblue**, ...

hexadecimal

#ff0000, **#20b2aa**, **#4169e1**, ...

rgb

text-align

left

right

center

justify

text-indent

px

%

text-decoration

none

underline

overline

line-through

text-transform

none

lowercase

uppercase

capitalize

letter-spacing

normal

px

word-spacing

normal

px

CSS

background

Background

background-color

mengatur warna pada background

background-image

mengatur gambar yang akan digunakan pada background

background-position

mengatur posisi gambar pada background

background-repeat

mengatur jenis pengulangan gambar pada background

background-color

nama warna

red, **lightseagreen**, **royalblue**, ...

hexadecimal

#ff0000, **#20b2aa**, **#4169e1**, ...

rgb

background-image

url

background-image

url

```
body {  
    background-image: url(gambar.jpg);  
}
```

background-position

top left

top center

top right

center left

center center

center right

bottom left

bottom center

background-repeat

repeat

repeat-x

repeat-y

CSS background

shorthand / *singkatan*

```
background: color url() position repeat;
```

```
background: lightgreen url(bg.png) top left no-repeat;
```