

REFERENSI CEPAT HTML & CSS

Elemen, selector, flexbox, grid, responsif

Struktur HTML

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport"
      content="width=device-width, initial-scale=1.0">
    <title>Page Title</title>
    <link rel="stylesheet" href="style.css">
  </head>
  <body>
    <h1>Hello World</h1>
    <script src="app.js"></script>
  </body>
</html>
```

Elemen Umum

Texts & Heading

```
<h1>Heading 1</h1> ... <h6>Heading 6</h6>
<p>Paragraph text</p>
<strong>Bold</strong> <em>Italic</em>
<br> <!-- line break -->
<hr> <!-- horizontal rule -->
```

Link & Gambar

```
<a href="https://example.com">Link text</a>
<a href="#section">Anchor link</a>

```

List

```
<ul> <!-- unordered -->
  <li>Item</li>
</ul>
<ol> <!-- ordered -->
  <li>First</li>
</ol>
```

Form

Form Input

```
<form action="/submit" method="POST">
  <input type="text" name="user"
    placeholder="Name" required>
  <input type="email" name="email">
  <input type="password" name="pw">
  <input type="number" min="0" max="100">
  <input type="checkbox" name="agree">
  <input type="radio" name="size" value="M">
  <button type="submit">Send</button>
</form>
```

Select & Textarea

```
<select name="color">
  <option value="r">Red</option>
  <option value="g" selected>Green</option>
</select>
<textarea name="msg" rows="4"
  cols="30"></textarea>
```

HTML Semantik

<header> Konten pengantar atau container navigasi
<nav> Link navigasi
<main> Konten utama halaman (satu per halaman)
<section> Pengelompokan konten berdasarkan tema
<article> Konten mandiri
<aside> Sidebar atau konten sampingan
<footer> Footer untuk section atau halaman
<figure> Gambar/diagram dengan caption
<figcaption> Caption untuk <figure>

Selector CSS

Selector Dasar

element `p` — semua elemen <p>
.class `.card {}` — selector class
#id `#main {}` — selector id
***** Selector universal (semua elemen)

Kombinator

A B Keturunan (B di dalam A)
A > B Anak langsung saja
A + B Sibling bersebelahan (B tepat setelah A)
A ~ B Sibling umum (B setelah A)

Pseudo-class

:hover Mouse di atas elemen
:focus Elemen mendapat fokus
:first-child Anak pertama dari parent
:nth-child(n) Anak ke-n (2n = genap, odd = ganjil)

Box Model

```
.box {
  margin: 10px; /* outside */
  border: 1px solid #333; /* edge */
  padding: 15px; /* inside */
  width: 200px;
  box-sizing: border-box; /* include pad+border */
}
```

Shorthand

margin: 10px Semua sisi
margin: 10px 20px Atas/bawah | kiri/kanan
margin: 10px 20px 15px Atas | kiri/kanan | bawah
margin: 10px 20px 15px 5px Atas | kanan | bawah | kiri

Flexbox

Container

```
.flex-container {
  display: flex;
  flex-direction: row; /* row | column */
  justify-content: center; /* main axis */
  align-items: center; /* cross axis */
  gap: 10px;
  flex-wrap: wrap;
}
```

Properti Item

flex: 1 Tumbuh mengisi ruang yang tersedia
flex-grow: 2 Rasio pertumbuhan relatif terhadap sibling
flex-shrink: 0 Jangan menyusut di bawah basis
flex-basis: 200px Ukuran awal sebelum tumbuh/menyusut
align-self: flex-end Override perataan container
order: -1 Urutan visual (default 0)

Grid

Container

```
.grid {
  display: grid;
  grid-template-columns: 1fr 2fr 1fr;
  grid-template-rows: auto;
  gap: 10px;
}
```

Penempatan Item

```
.item {
  grid-column: 1 / 3; /* span col 1-2 */
  grid-row: 1 / 2;
}
/* shorthand: repeat, minmax */
grid-template-columns: repeat(3, 1fr);
grid-template-rows: repeat(auto-fit, minmax(200px, 1fr));
```

Positioning

static Alur default (tanpa properti offset)
relative Offset dari posisi normal
absolute Offset dari ancestor ter-position terdekat
fixed Offset dari viewport (tetap saat scroll)
sticky Relative hingga ambang scroll, lalu fixed

Contoh

```
.parent { position: relative; }
.child {
  position: absolute;
  top: 0; right: 0; /* top-right corner */
}
```

Media Query

```
/* Mobile-first: base styles for small screens */
.container { padding: 10px; }

@media (min-width: 768px) {
  .container { max-width: 720px; }
}

@media (min-width: 1024px) {
  .container { max-width: 960px; }
}
```

Breakpoint Umum

480px Ponsel kecil
768px Tablet
1024px Desktop kecil / tablet landscape
1280px Desktop