

Online

CSS3



CHEAT SHEET

WEB DESIGN DEVELOPMENT



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CSS cheat sheet document to practice real world concepts quickly here we are prepared most using CSS properties and attributes for your reference practice:

CSS Cheat Sheet

1. Selectors and Basic Syntax

- Element Selector
- Class Selector
- ID Selector
- Grouping Selectors
- Universal Selector
- Descendant Selector
- Attribute Selector
- Pseudo-class Selector
- Pseudo-element Selector
- Combining Selectors

2. Box Model

- width
- height
- padding
- margin
- border

3. Typography

- font-family
- font-size
- font-weight
- font-style
- text-align
- text-decoration
- text-transform
- line-height
- letter-spacing

4. Colors and Background

- color
- background-color
- background-image
- background-repeat
- background-position
- background-size
- opacity

5. Display and Positioning

- display
- position
- float
- clear
- z-index
- top
- right
- bottom

- left

6. Flexbox Layout

- display: flex;
- flex-direction
- justify-content
- align-items
- flex-grow
- flex-shrink
- flex-basis

7. Grid Layout

- display: grid;
- grid-template-columns
- grid-template-rows
- grid-gap
- grid-row
- grid-column

8. Transitions and Animations

- transition
- transition-property
- transition-duration
- transition-timing-function
- animation
- animation-name
- animation-duration
- animation-timing-function
- animation-iteration-count
- animation-delay

9. Box Shadow and Border Radius

- box-shadow
- border-radius

10. Media Queries

- @media rules for responsive design

11. @import and @font-face

- Importing external stylesheets
- Loading custom fonts

12. CSS Units

- px, em, rem, %
- vh, vw, vmin, vmax

13. Specificity and Cascade

- Understanding specificity
- CSS cascade rules

14. CSS Variables (Custom Properties)

- Declaring and using CSS variables

15. Transitioning to CSS Grid/Flexbox

- Commonly used layout techniques these

16. Browser Compatibility to check

- all you need to check and choose components

Example Source code notes for your reference:

CSS Cheat Sheet with Examples

1. Basic Styling

```
body {
  background-color: #f0f0f0;
  color: #333;
  font-family: Arial, sans-serif;
}
```

2. Selectors

```
/* Element Selector */
p {
  /* CSS Rules */
}
```

```
/* Class Selector */
.className {
  /* CSS Rules */
}
```

```
/* ID Selector */
#idname {
  /* CSS Rules */
}
```

3. Typography

```
/* Font Size */
h1 {
  font-size: 24px;
}
```

```
/* Font Weight */
strong {
  font-weight: bold;
}
```

```
/* Text Decoration */
a {
  text-decoration: none;
}
```

```
/* Text Color */
p {
  color: #0066cc;
}
```

4. Box Model

```
/* Width and Height */
.box {
  width: 200px;
  height: 150px;
}
```

```
/* Padding */
.box {
  padding: 20px;
}
```

```
/* Margin */
.box {
  margin: 10px;
}
```

```
/* Border */
.box {
  border: 1px solid #333;
}
```

5. Background

```
/* Background Color */
.box {
  background-color: #f0f0f0;
}
```

```
/* Background Image */
.box {
  background-image: url("image.jpg");
  background-size: cover;
}
```

6. Display and Positioning

```
/* Display */
.container {
  display: flex;
  justify-content: center;
  align-items: center;
}
```

```
/* Positioning */
.box {
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%, -50%);
}
```

7. Flexbox Layout

```
.container {
  display: flex;
  justify-content: space-between;
}
```

8. Transitions

```
.box {
  transition: background-color 0.3s ease;
}
.box:hover {
  background-color: #0066cc;
}
```

9. Box Shadow

```
.box {
  box-shadow: 2px 2px 4px rgba(0, 0, 0, 0.2);
}
```

10. Border Radius

```
.box {
  border-radius: 5px;
}
```

11. Float and Clear

```
.float-left {
  float: left;
}
.float-right {
  float: right;
}
.clear {
  clear: both;
}
```

12. Overflow

```
.box {
  overflow: hidden;
}
```

13. Z-Index

```
.box {
  z-index: 1;
}
```

14. Opacity

```
.box {
  opacity: 0.8;
}
```

15. Media Queries

```
@media (max-width: 768px) {
  /* CSS Rules for smaller screens */
}
```

16. Animations

```
@keyframes move {
  from {
    transform: translateX(0);
  }
  to {
    transform: translateX(100px);
  }
}
.box {
  animation: move 2s infinite alternate;
}
```

17. Pseudo-classes

```
a:hover {
  color: #ff0000;
}
input:focus {
  border-color: #00ff00;
}
```

18. Pseudo-elements

```
p::first-line {
  font-weight: bold;
}
```

19. Gradient Background

```
.box {
  background: linear-gradient(to right,
    #ff0000, #00ff00);
}
```

20. Flexbox Alignment

```
.container {
  display: flex;
  align-items: center;
  justify-content: space-around;
}
```

Use this css3 cheat sheet for your real world practice and quick designs.

Happy compiling!