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CSS Basics: Text Properties

Text Properties

- ❖ Define text effects for elements

color

- ❖ Define text color of element
- ❖ Values: *color* | initial | inherit;
 - ❖ *color*: define text color
 - ❖ *initial*: set to element's default value
 - ❖ *inherit*: take this property value of parent element
- ❖ Default: black

color

❖ Example:

```
P {  
    color: #f00;  
}
```

❖ https://www.w3schools.com/cssref/pr_text_color.asp

text-align

- ❖ Specify horizontal alignment of text
- ❖ Values: left | right | center | justify | initial | inherit;
- ❖ Example:

```
P {  
    text-align: justify;  
}
```

- ❖ https://www.w3schools.com/cssref/pr_text_text-align.asp

text-decoration

- ❖ Specify decorations added to the text
- ❖ `text-decoration-line` (required) `text-decoration-color` `text-decoration-style`
- ❖ **`text-decoration-line`**: `none` | `underline` | `overline` | `line-through` | `initial` | `inherit`;
- ❖ **`text-decoration-color`**: *color* | `initial` | `inherit`; (Not supported in IE)
- ❖ **`text-decoration-style`**: `solid` | `double` | `dotted` | `dashed` | `wavy` | `initial` | `inherit`; (Not supported in IE & Safari)

text-decoration

- ❖ Example: `a { text-decoration: none; }`
- ❖ https://www.w3schools.com/cssref/pr_text_text-decoration.asp

line-height

- ❖ Specify the height of a text line
- ❖ Values: normal | *number* | *length* | initial | inherit;
 - ❖ number: an integer number that multiply with current font-size to set the height
 - ❖ length: fixed line height in px, pt, etc..
 - ❖ %: percent of current font size
- ❖ Default: normal

line-height

❖ Example:

```
p {  
    font-size: 10px;  
    line-height: 2;  
}
```

❖ https://www.w3schools.com/cssref/pr_font_font-style.asp

font

font-family

- ❖ Specify font for the element
- ❖ Can specify multiple font names and browser will use the first supported one it finds
- ❖ Values: family-name | generic-family | initial | inherit
 - ❖ family-name: name of a font family such as “Courier”
 - ❖ generic-family: name of generic family: "serif", "sans-serif", "cursive", "fantasy", “monospace”
- ❖ Default: depends on browser preference setting

font-family

❖ Example:

```
P {
```

```
    font-family: Arial, Helvetica, sans-serif;
```

```
}
```

❖ https://www.w3schools.com/cssref/pr_font_font-family.asp

font-size

- ❖ Specify size of a font
- ❖ Values: medium | xx-small | x-small | small | large | x-large | xx-large | smaller | larger | *length* | initial | inherit;
- ❖ Default: medium
- ❖ Example: `p { font-size: large; }`
- ❖ https://www.w3schools.com/cssref/pr_font_font-size.asp

Font-style

- ❖ Specify font style of text
- ❖ Values: normal | italic | oblique | initial | inherit;
- ❖ Default Value: normal
- ❖ Example: `p { font-style: italic; }`
- ❖ https://www.w3schools.com/cssref/pr_font_font-style.asp

font-weight

- ❖ Specify thinness or thickness of text
- ❖ Values: normal | bold | bolder | lighter | *number* | initial | inherit;
 - ❖ number: 100, 200, 300, 400 (normal), 500, 600, 700, 800, 900
- ❖ Default value: normal
- ❖ Example: `p { font-weight: bold; }`
- ❖ https://www.w3schools.com/cssref/pr_font_weight.asp

font

- ❖ Shorthand property for font
- ❖ font-style font-variant font-weight font-size / line-height font-family | caption | icon | menu | message-box | small-caption | status-bar | initial | inherit;

- ❖ Example:

```
p {  
    font: italic bold 16px / 30px Arial, sans-serif;  
}
```


other text properties

direction

- ❖ Specify writing direction in the element
- ❖ Values: ltr | rtl | initial | inherit;
 - ❖ ltr: left-to-right
 - ❖ rtl: right-to-left
- ❖ Default value: ltr
- ❖ Example: `p { direction: rtl; }`
- ❖ https://www.w3schools.com/cssref/pr_text_direction.asp

letter-spacing

- ❖ Specify the space between characters
- ❖ Values: normal | *length* | initial | inherit;
 - ❖ length: any css unit. Can be negative
- ❖ Default value: normal
- ❖ Example: `p { letter-spacing: -2px }`
- ❖ https://www.w3schools.com/cssref/pr_text_letter-spacing.asp

text-indent

- ❖ Specify indent amount for the first line of text
- ❖ Values: *length* | initial | inherit;
 - ❖ length: any css unit.
- ❖ Default value: 0
- ❖ Example: `p { text-indent: 50px }`
- ❖ https://www.w3schools.com/cssref/pr_text_text-indent.asp

text-shadow

- ❖ Add shadow effect to text
- ❖ `horizontal-shadow vertical-shadow blur-radius color | none | initial | inherit;`
 - ❖ **horizontal-shadow**: Horizontal position of shadow from text. Can be negative. Required.
 - ❖ **vertical-shadow**: Vertical position of shadow from text. Can be negative. Required.
 - ❖ **blur-radius**: Amount of blur. Default is 0.
 - ❖ **color**: Color of shadow
- ❖ Example: `p { text-shadow: 2px 1px 3px #00ff00; }`
- ❖ https://www.w3schools.com/cssref/css3_pr_text-shadow.asp

text-transform

- ❖ Specify text capitalization
- ❖ Values: none | capitalize | uppercase | lowercase | initial | inherit;
- ❖ Default Value: none
- ❖ Example: `p { text-transform: uppercase; }`
- ❖ https://www.w3schools.com/cssref/pr_text_text-transform.asp

text-overflow

- ❖ Specify how to display overflow content
- ❖ Values: `clip` | `ellipsis` | *string* | `initial` | `inherit`;
 - ❖ `clip`: Overflow text is clipped and not visible. Default value.
 - ❖ `ellipsis`: Render ellipsis (...) to indicate text is clipped
 - ❖ `string`: Display the given string to indicate text is clipped.
- ❖ Example: `p { text-overflow: ellipsis; }`
- ❖ https://www.w3schools.com/cssref/css3_pr_text-overflow.asp

vertical-align

- ❖ Specify vertical alignment of text / element
- ❖ Values: baseline | length | sub | super | top | text-top | middle | bottom | text-bottom | initial | inherit;
- ❖ Default Value: baseline
- ❖ Example: `p { vertical-align: top; }`
- ❖ https://www.w3schools.com/cssref/pr_pos_vertical-align.asp

white-space

- ❖ Specify how to handle white spaces
- ❖ Values: normal | nowrap | pre | pre-line | pre-wrap | initial | inherit;
- ❖ Default Value: normal
- ❖ Example: `p { white-space: nowrap; }`
- ❖ https://www.w3schools.com/cssref/pr_text_white-space.asp

word-break

- ❖ Specify how words should break at the end of a line
- ❖ Values: normal | break-all | keep-all | break-word | initial | inherit;
- ❖ Default Value: normal
- ❖ Example: `p { word-break: break-all; }`
- ❖ https://www.w3schools.com/cssref/css3_pr_word-break.asp

word-spacing

- ❖ Specify white spaces between words
- ❖ Values: normal | length | initial | inherit;
- ❖ Default: normal (0.25em)
- ❖ Example: `p { word-spacing: 10px; }`
- ❖ https://www.w3schools.com/cssref/pr_text_word-spacing.asp

writing-mode

- ❖ Specify lines of text are laid out horizontally or vertically
- ❖ Values: horizontal-tb | vertical-rl | vertical-lr;
 - ❖ horizontal-tb: left to right horizontally, top to bottom vertically
 - ❖ vertical-rl: top to bottom vertically, right to left horizontally
 - ❖ vertical-lr: top to bottom vertically, left to right horizontally
- ❖ Default: horizontal-tb
- ❖ Example: `p { writing-mode: vertical-lr }`
- ❖ https://www.w3schools.com/cssref/css3_pr_writing-mode.asp

Thank you