

# Font Size Comparisons & Conversions

| <b>Pixels</b> | <b>Ems</b> | <b>Points</b> | <b>Percents</b> |
|---------------|------------|---------------|-----------------|
| 8px           | 0.5em      | 6pt           | 50%             |
| 9px           | 0.55em     | 7pt           | 55%             |
| 10px          | 0.625em    | 7.5pt         | 62.50%          |
| 11px          | 0.7em      | 8pt           | 70%             |
| 12px          | 0.75em     | 9pt           | 75%             |
| 13px          | 0.8em      | 10pt          | 80%             |
| 14px          | 0.875em    | 10.5pt        | 87.50%          |
| 15px          | 0.95em     | 11pt          | 95%             |
| 16px          | 1em        | 12pt          | 100%            |
| 17px          | 1.05em     | 13pt          | 105%            |
| 18px          | 1.125em    | 13.5pt        | 112.50%         |
| 19px          | 1.2em      | 14pt          | 120%            |
| 20px          | 1.25em     | 14.5pt        | 125%            |
| 21px          | 1.3em      | 15pt          | 130%            |
| 22px          | 1.4em      | 16pt          | 140%            |
| 23px          | 1.45em     | 17pt          | 145%            |
| 24px          | 1.5em      | 18pt          | 150%            |
| 26px          | 1.6em      | 20pt          | 160%            |
| 29px          | 1.8em      | 22pt          | 180%            |
| 32px          | 2em        | 24pt          | 200%            |
| 35px          | 2.2em      | 26pt          | 220%            |
| 36px          | 2.25em     | 27pt          | 225%            |
| 37px          | 2.3em      | 28pt          | 230%            |
| 38px          | 2.35em     | 29pt          | 235%            |
| 40px          | 2.45em     | 30pt          | 245%            |
| 42px          | 2.55em     | 32pt          | 255%            |
| 45px          | 2.75em     | 34pt          | 275%            |
| 48px          | 3em        | 36pt          | 300%            |

Pixels Are Relative to the Screen Resolution and Give the Designer the Greatest Control and Precision

Ems Are Relative to the Parent Element and the Most Accessible Option Because They Allow Browser Defaults to Modify Them

Percentages Are Relative to the Surrounding Text

Points Are Units of Measure Not Relative to A Screen and Should Only Be Used For Printing

Browser Defaults Are Usually 16px/1em

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