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PX to EM Converter

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HTML Tags

- <!-->
- <!DOCTYPE>
- <a>
- <abbr>
- <acronym>
- <address>
- <applet>
- <area>
- <article>
- <aside>
- <audio>
-
- <base>
- <basefont>
- <bdi>
- <bdo>
- <big>
- <blockquote>
- <body>
-

- <button>
- <canvas>
- <caption>
- <center>
- <cite>
- <code>
- <col>
- <colgroup>
- <data>
- <datalist>
- <dd>
-
- <details>
- <dfn>
- <dialog>
- <dir>
- <div>
- <dl>
- <dt>
-
- <embed>
- <fieldset>
- <figcaption>
- <figure>
-
- <footer>
- <form>
- <frame>
- <frameset>
- <h1> - <h6>
- <head>
- <header>
- <hr>
- <html>
- <i>
- <iframe>
-
- <input>
- <ins>
- <kbd>
- <label>
- <legend>
-
- <link>
- <main>
- <map>
- <mark>
- <meta>
- <meter>
- <nav>
- <nframes>
- <noscript>
- <object>
-
- <optgroup>
- <option>
- <output>
- <p>
- <param>
- <picture>
- <pre>
- <progress>
- <q>
- <rp>
- <rt>
- <ruby>
- <s>
- <samp>
- <script>
- <section>
- <select>
- <small>
- <source>
-
- <strike>
-
- <style>
- <sub>
- <summary>
- <sup>
- <svg>
- <table>
- <tbody>
- <td>
- <template>
- <textarea>
- <tfoot>
- <th>
- <thead>
- <time>
- <title>
- <tr>
- <track>
- <tt>
- <u>
-
- <var>
- <video>
- <wbr>

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Pixels to Ems Conversion

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Pixel to Em Converter

The tool below allows you to work out the em sizes from pixels (or vice versa).

- Set a default pixel size for body (usually 16px)
- Then, convert a pixel value to em, based on the default pixel size
- Or, convert an em value to pixels, based on the default pixel size

Set a default pixel size:

16

px

Convert PX to EM:

px

Convert EM to PX:

em

↔ Convert

Result:

Body Font Size

In the table below, select a body font size in pixels (px) to display a complete "px to em and percent" conversion table.

Tip: The default font size is usually 16px.

px	em	percent
5px	0.3125em	31.25%
6px	0.3750em	37.50%
7px	0.4375em	43.75%
8px	0.5000em	50.00%
9px	0.5625em	56.25%
10px	0.6250em	62.50%
11px	0.6875em	68.75%
12px	0.7500em	75.00%
13px	0.8125em	81.25%
14px	0.8750em	87.50%
15px	0.9375em	93.75%
16px	1.0000em	100.00%
17px	1.0625em	106.25%
18px	1.1250em	112.50%
19px	1.1875em	118.75%
20px	1.2500em	125.00%
21px	1.3125em	131.25%
22px	1.3750em	137.50%
23px	1.4375em	143.75%
24px	1.5000em	150.00%
25px	1.5625em	156.25%

What is the difference between PX, EM and Percent?

Pixel is a static measurement, while percent and EM are relative measurements. The size of an EM or percent depends on its parent. If the text size of body is 16 pixels, then 150% or 1.5 EM will be 24 pixels (1.5 * 16). Look at [CSS Units](#) for more measurement units.

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