

## Faces / Fonts

Operation	Keystroke	Function	Note
<a href="#">Emacs Faces, Text Faces and Fonts</a>	Emacs major mode code controls the various faces used to represent various text elements. Each face corresponds to the way text is rendered according to the environment's ability and the selected default font, colours, etc... If you do not like the default selected font, colour, style, etc... you can customize them to your liking.		
Last updated on:	2025-08-30           This table describes the various commands related to Emacs faces and fonts.		
<a href="#">See faces currently defined</a>	<code>&lt;f11&gt; ? d F</code>	(list-faces-display &optional REGEXP)	List all available faces in a buffer. Very useful to see the capabilities of text display in the emacs process used. This also helps to see if the background colour is OK with the faces being used.  The faces show the various colours and fonts used for various type of text.  By clicking on each face character list, another window shows up to provide more info on the face and provides ability for even more customization of each face.
<a href="#">Query info about point</a>  Show information about current character (including face information)	<ul style="list-style-type: none"> <li><code>C-x =</code></li> <li><code>&lt;f11&gt; ? d p</code></li> </ul>	(what-cursor-position &optional DETAIL)	Displays information about character at point in the echo area. 🙌 With any prefix argument opens a *Help* buffer and show the complete information of character at point with all properties, face, encoding, etc. <ul style="list-style-type: none"> <li>Type: <code>C-u C-x =</code></li> <li>With PEL, you can also type: <code>C-- C-x =</code></li> </ul>
	<code>&lt;f11&gt; ? d P</code>	(pel-what-cursor-position)	Same as above but always display the complete information.
Open macOS color table dialog	<code>⌘-C</code>	(ns-popup-color-panel &optional FRAME)	🍏 On macOS in graphics mode only: opens the color table dialog.
Open macOS font table dialog	<code>⌘-t</code>	(ns-popup-font-panel &optional FRAME)	🍏 On macOS in graphics mode only: opens the font table dialog.
<a href="#">Modify Font Size (Text Scale)</a>	<ul style="list-style-type: none"> <li>The standard Emacs commands to change font size of the current buffer are the <code>C-x C-+</code>, <code>C-x C- -</code> and <code>C-x C-0</code>. When using those, after the first <code>C-+</code> (or <code>C-=</code>) you can continue to change the font size by repeating the <code>C-+</code>, <code>C-=</code> or <code>C-0</code>.               <ul style="list-style-type: none"> <li>These commands <b>do not work when Emacs is used in text terminal mode</b>.</li> </ul> </li> <li>The macOS terminal supports <code>⌘-+</code>, <code>⌘--</code> and <code>⌘-0</code> commands to control the font size of the terminal window. This allows changing the font size for everything in Emacs running in terminal mode under macOS.</li> <li>The PEL package also               <ul style="list-style-type: none"> <li>binds <code>⌘-+</code>, <code>⌘--</code> and <code>⌘-0</code> to the font control commands (of current buffer) when Emacs runs in graphics mode, and binds the keypad equivalent keys to control the font size of <b>all</b> buffers.</li> </ul> </li> </ul> ⚠ When Emacs is running in graphics mode, these commands do not affect the font of other windows such as the echo area or the mini buffer. For that you must change the font of the entire frame.		
Increase font size of current buffer	<ul style="list-style-type: none"> <li><code>C-x C-+</code></li> <li><code>C-x C-=</code></li> <li><code>S-+</code></li> <li><code>⌘-+</code></li> </ul>	(text-scale-adjust INC)	Adjust the height of the default face by INC.  <ul style="list-style-type: none"> <li>INC may be passed as a numeric prefix argument.</li> <li>After the first <code>C-+</code> (or <code>C-=</code>) you can continue to change the font size by repeating the <code>C-+</code>, <code>C-=</code> or <code>C-0</code>.</li> </ul>
Decrease font size of current buffer	<ul style="list-style-type: none"> <li><code>C-x C- -</code></li> <li><code>S-</code></li> <li><code>⌘--</code></li> </ul>	(text-scale-adjust INC)	
Reset font size of current buffer to default	<ul style="list-style-type: none"> <li><code>C-x C-0</code></li> <li><code>S-0</code></li> <li><code>⌘-0</code></li> </ul>	(text-scale-adjust INC)	
Increase font size of all buffers	<ul style="list-style-type: none"> <li><code>s-&lt;kp-add&gt;</code></li> <li><code>⌘-&lt;kp-add&gt;</code></li> </ul>	(pel-font-increase-size-all-buffers ALL)	Increase the font size of all buffers. For Emacs running on graphics mode only. <ul style="list-style-type: none"> <li>By default the font size of Minibuffers and Echo Area buffers are not changed. To change them as well, set the ALL argument using <code>C-u</code> prefix or any numeric argument.</li> </ul>
Decrease font size of all buffers	<ul style="list-style-type: none"> <li><code>s-&lt;kp-subtract&gt;</code></li> <li><code>⌘-&lt;kp-subtract&gt;</code></li> </ul>	(pel-font-decrease-size-all-buffers ALL)	Decrease the font size of all buffers. For Emacs running on graphics mode only. <ul style="list-style-type: none"> <li>By default the font size of Minibuffers and Echo Area buffers are not changed. To change them as well, set the ALL argument using <code>C-u</code> prefix or any numeric argument.</li> </ul>
Reset font size of all buffers	<ul style="list-style-type: none"> <li><code>s-&lt;kp-0&gt;</code></li> <li><code>⌘-&lt;kp-0&gt;</code></li> </ul>	(pel-font-reset-size-all-buffers ALL)	Reset the font size of all buffers to their default size. For Emacs running on graphics mode only. <ul style="list-style-type: none"> <li>By default the font size of Minibuffers and Echo Area buffers are not changed. To change them as well, set the ALL argument using <code>C-u</code> prefix or any numeric argument.</li> </ul> 🙌 Useful to set the same font size to all buffers when their font size differ, maybe even prior to increase or decrease the font size of all buffers.
<a href="#">Set Frame Font</a>	With Emacs running in graphics mode, you can change the font of all windows with the menu-set-font command.		
Change font of current Frame See also: <a href="#">🔗 Faces/Fonts</a>	<code>&lt;f11&gt; F F</code>	(menu-set-font)	Interactively select a font and font size and make it the default on all frames. <ul style="list-style-type: none"> <li>The selected font will be the default on both the existing and future frames in the current session.</li> <li>It is not persistent, so next time you start Emacs the default font is used.</li> </ul>
<a href="#">Font Locking</a>			
<a href="#">Toggle syntax highlighting in current buffer</a>  See also: <a href="#">🔗 Highlight</a>	<code>&lt;f11&gt; h F</code>	(font-lock-mode &optional ARG)	Toggle syntax highlighting in this buffer (Font Lock mode). <ul style="list-style-type: none"> <li>With a prefix argument ARG, enable Font Lock mode if ARG is positive, and disable it otherwise. If called from Lisp, enable the mode if ARG is omitted or nil.</li> <li>When Font Lock mode is enabled, text is fontified as you type it:               <ul style="list-style-type: none"> <li>Comments are displayed in 'font-lock-comment-face';</li> <li>Strings are displayed in 'font-lock-string-face';</li> <li>Certain other expressions are displayed in other faces according to the value of the variable 'font-lock-keywords'.</li> </ul> </li> </ul>
<a href="#">Font lock block</a>	<code>M-o M-o</code>	(font-lock-fontify-block &optional ARG)	Fontify some lines the way 'font-lock-fontify-buffer' would. The lines could be a function or paragraph, or a specified number of lines. <ul style="list-style-type: none"> <li>If ARG is given, fontify that many lines before and after point, or 16 lines if no ARG is given and 'font-lock-mark-block-function' is nil.</li> <li>If 'font-lock-mark-block-function' non-nil and no ARG is given, it is used to delimit the region to fontify.</li> </ul>
<a href="#">Font Tools</a>	The following Emacs Lisp packages are very useful to debug font-locking code when you write major mode lisp code: <ul style="list-style-type: none"> <li><a href="#">font-lock-studio</a></li> <li><a href="#">font-lock-profiler</a></li> </ul> PEL does not provide support to install them but they can be easily installed using the Emacs Package Management commands. See: <a href="#">🔗 Packages</a>		

Faces/Fonts — References

Topic & Link	Description
GNU Emacs Manual- Fonts	
GNU Emacs Manual - Text Faces	
Set Fonts @ EmacsWiki	The EmacsWiki and ErgoEmacs page provide a lot of valuable information.
Font Setup @ ErgoEmacs	
How to set the default font size?	Discussion on StackExchange/Emacs
How to set the font size in Emacs?	Discussion on StackOverflow
Cursor Management	
Changing Cursor Dynamically @ Emacs Wiki	Describes cursor_chg.el witch changes the cursor color & shape depending on context
* cursor-chg.el	