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# Complete Guide to Pre-Installed Fonts in Linux, Mac, and Windows

by Megan McDermott, 10 November 2007 - 4:48pm

Web designers often feel that they are restricted to a basic set of [core web fonts](#). This small set of fonts has been widely distributed and most designers stick to them, just to be on the safe side. However, when you look at the fonts available on the three most widely used operating systems, you can see that this really isn't necessary.

All three operaing systems come with a variety of fonts, many of which can be reasonably substituted for each other without affecting the design.You can also choose fonts that have the same look and feel that you want, but may not be exact matches. This allows for much more flexibility in design while still ensuring compatibility across operating systems.

Stacking fonts in your CSS allows you to cover all your bases by specifying back-up fonts for users who don't have your preferred typeface. For example, the font stack for this site is:

```
font-family: "Lucida Grande", "Lucida Sans Unicode", "Eras Medium ITC", "DejaVu Sans", Helvetica, Verdana, sans-serif
```

For more on creating great font stacks, read [Better CSS Font Stacks](#) from Unit Interactive.

## About these tables

- Ubuntu is used as a sample Gnu/Linux operating system. Other distributions may have different fonts installed. If you can provide a list of pre-installed fonts on other distros please [send it to me](#) and I will incorporate it into this article.
- Fonts listed in the same row are near equivalents of each other, with the exception of the last row in each table which is used for other/non matching fonts. The "matching" fonts may not match exactly but in practical use can be substituted for each other without problems
- All font samples were taken from a sample page in Firefox at .9em ([Linux](#), [Mac](#), [Windows](#)). Keep relative sizing in mind when choosing a list of fonts to specify (i.e. you don't want big sizing variations depending on which font the user has installed).
- The "Installed with MS Programs" column lists typefaces incuded with common Microsoft applications. You can probably expect that most Windows users have some of these applications installed, and some Mac users may have Office installed as well. Non-starred entieres are installed with all versions of Office 2003/2007 and many other programs. Starred (\*) entries are installed primarily with Office Professional Plus 2007 but some also come with with Office 2003 Professional Edition, Publisher, and other programs. Entries with a - next to them are installed with Office 2003 and other older programs (that are still quite pervasive at this point). Details are available in the [Microsoft Typography Database](#).
- In the Mac OSX column, entries with a + are included with OSX 10.5 (Leopard), entries with a - are included with versions prior to 10.4 (but not in 10.4)
- Starred entries in the Ubuntu column are installed by the mscorefonts package. According to a [survey on the Ubuntu Forums](#), approximately 74% of Ubuntu users have mscorefonts installed.

## Serif

Windows	Installed with MS Programs	Mac OS 10.4	Ubuntu (Linux)
	Baskerville Old Face	Baskerville	MgOpen Canonica
	* Bookman Old Style	Hoefler Text	URW Bookman L
Georgia		Georgia	* Georgia
	* Century Schoolbook		Century Schoolbook L
		_ New York	• Bitstream Vera Serif
			• DejaVu Serif

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Windows	Installed with MS Programs	Mac OS 10.4	Ubuntu (Linux)
Palatino Linotype		Palatino	URW Palladio L
Times New Roman		<ul style="list-style-type: none"><li>Times</li><li>Times New Roman</li></ul>	<ul style="list-style-type: none"><li>Free Serif</li><li>Nimbus Roman No9 L</li><li>* Times New Roman</li></ul>
<ul style="list-style-type: none"><li>* Cambria</li><li>* Constantia</li></ul>	<ul style="list-style-type: none"><li>* Bell MT</li><li>Book Antiqua</li><li>* Bodoni MT</li><li>* Californian FB</li><li>* Calisto MT</li><li>* Centaur</li><li>* Century</li><li>* Elephant</li><li>* Footlight MT Light</li><li>Garamond</li><li>* Gloucester MT Extra Condensed</li><li>* Goudy Old Style</li><li>* High Tower Text</li><li>* Lucida Bright</li><li>* Lucida Fax</li><li>* Modern No. 20</li><li>* Poor Richard</li><li>* Rockwell</li></ul>	<ul style="list-style-type: none"><li>Big Caslon</li><li>Cochin</li><li>Didot</li></ul>	<ul style="list-style-type: none"><li>Bitstream Charter</li><li>Gentium</li><li>GentiumAlt</li><li>TSCu_Times</li></ul>

- \*Cambria and Constantia are part of the Windows Vista font pack and are included with Windows Vista and as an upgrade to Office 2003. These are **cleartype fonts** which means that they render differently than traditional fonts (anti-aliasing is used to make them appear smoother). On Windows they tend to look bad on non-Microsoft web browsers when cleartype is not enabled in the desktop preferences. Cleartype *is not* enabled by default on Windows XP but it is included as an option when installing IE 7.
- Palatino and New York are not installed by default on OS 10.4 but are installed on previous versions

Sans Serif

Windows	Installed with MS Programs	Mac OS 10.4	Ubuntu (Linux)
Arial		Arial	<ul style="list-style-type: none"><li>* Arial</li><li>FreeSans</li><li>Nimbus Sans L</li></ul>
Arial Black			* Arial Black

Windows	Installed with MS Programs	Mac OS 10.4	Ubuntu (Linux)
		Century Gothic	URW Gothic L
		Helvetica	MgOpen Moderna
Lucida Sans Unicode		Lucida Grande	
		Optima	MgOpen Cosmetica
Tahoma		<ul style="list-style-type: none"><li>• Geneva</li><li>• + Tahoma</li></ul>	
Trebuchet MS		Trebuchet MS	* Trebuchet MS
Verdana		Verdana	<ul style="list-style-type: none"><li>• Bitstream Vera Sans</li><li>• DejaVu Sans</li><li>• * Verdana</li></ul>
<ul style="list-style-type: none"><li>• * Calibri</li><li>• * Candara</li><li>• * Corbel</li><li>• Franklin Gothic Medium</li><li>• Microsoft Sans Serif</li></ul>	<ul style="list-style-type: none"><li>• * Agency FB</li><li>• Arial Narrow</li><li>• *</li><li>• <b>Arial Rounded MT Bold</b></li><li>• Arial Unicode MS</li><li>• * Berlin Sans FB</li><li>• * Eras Medium ITC</li><li>• * Gill Sans MT</li><li>• * Lucida Sans Regular</li><li>• * Maiandra GD</li><li>• * Tw Cen MT</li></ul>	<ul style="list-style-type: none"><li>• AppleGothic</li><li>• Futura</li><li>• Helvetica Neue</li><li>• + Microsoft Sans Serif</li><li>• Monaco</li></ul>	MgOpen Modata

Notes:

- DejaVu is a modification of Bitstream Vera Sans, with additional unicode characters

Script/Handwriting

Windows	Installed with MS Programs	Mac OS 10.4	Ubuntu (Linux)
	<ul style="list-style-type: none"><li>* <i>Brush Script MT Italic</i></li></ul>	<i>Brush Script MT</i>	
	<i>Monotype Corsiva</i>	<i>Apple Chancery</i>	<i>URW Chancery L</i>
Comic Sans MS		Comic Sans MS	<ul style="list-style-type: none"><li>• TSCu_Comic</li><li>• *</li></ul> <b>Comic Sans MS</b>
	* Papyrus	<ul style="list-style-type: none"><li>• Papyrus</li><li>• +Papyrus Condensed</li></ul>	

Windows	Installed with MS Programs	Mac OS 10.4	Ubuntu (Linux)
	<ul style="list-style-type: none"><li>* <i>Blackadder ITC</i></li><li>* <i>Bradley Hand ITC</i></li><li>* <i>Edwardian Script ITC</i></li><li>* <i>Freestyle Script</i></li><li>* <i>French Script MT</i></li><li>* <b>Forte</b></li><li>* <i>Kristen ITC</i></li><li>* <i>Kunstler Script</i></li><li>* <i>Lucida Calligraphy</i></li><li>*</li><li><i>Lucida Handwriting</i></li><li>* <i>Plan Script MT</i></li><li>* <i>Pristina</i></li><li>* <i>Rage Italic</i></li><li>* <i>Script MT Bold</i></li><li>* <i>Viner Hand ITC</i></li><li>* <i>Windlet Italic</i></li><li>* <i>Vladimir Script</i></li></ul>	<ul style="list-style-type: none"><li>Chalkboard</li><li>Marker Felt</li><li><i>Zapfino</i></li></ul>	

Notes:

- One way to counter the problem with script fonts in Windows (namely, that only Comic Sans is installed by default), would be to specify a nice serif as your last option (Georgia, for example) and make it italic. Script fonts usually don't have italic variants, so people with nice script fonts installed will see the font you intended while others will see italic Georgia which isn't quite the same but would still look nice. This technique would also work for decorative fonts or other categories where no suitable alternative is available on some operating systems.

Monospace

Windows	Installed with MS Programs	Mac OS 10.4	Ubuntu (Linux)
Courier New		<ul style="list-style-type: none"><li>Courier</li><li>Courier New</li></ul>	<ul style="list-style-type: none"><li>Courier 10 Pitch</li><li>* Courier New</li><li>FreeMono</li><li>Nimbus Mono L</li><li>TlwgMono</li><li>TlwgTypewriter</li></ul>
Lucida Console		Monaco	
Consolas	<ul style="list-style-type: none"><li>*</li></ul>	+Andale Mono	<ul style="list-style-type: none"><li>* Andale Mono</li></ul>
Decorative	Lucida Sans Typewriter		Bitstream Vera Sans Mono
Windows	Installed with MS Programs	Mac OS 10.4	Ubuntu (Linux)
	<ul style="list-style-type: none"><li>* OCR A Extended</li></ul>		<ul style="list-style-type: none"><li>Deja Vu Sans Mono</li></ul>

Windows	Installed with MS Programs	Mac OS 10.4	Ubuntu (Linux)
Impact	<ul style="list-style-type: none"><li>* <b>ALGERIAN</b></li><li>* <b>Bauhaus 93</b></li><li>* <b>Bernard MT Condensed</b></li><li>* <b>Britannic Bold</b></li><li>* <b>Broadway</b></li><li>* <b>CASTELLAR</b></li><li>* <b>Chiller</b></li><li>* <b>Colonna MT</b></li><li>* <b>Cooper Black</b></li><li>* <b>COPPERPLATE GOTHIC LIGHT</b></li><li>* <b>Curlz MT</b></li><li>* <b>ENGRAVERS MT</b></li><li>* <b>FELIX TITLING</b></li><li>* <b>Gigi</b></li><li>* <b>GOUDY STOUT</b></li><li>* <b>Haettenschweiler</b></li><li>* <b>Harlow Solid Italic</b></li><li>* <b>Harrington</b></li><li>* <b>Imprint MT Shadow</b></li><li>* <b>Informal Roman</b></li><li>* <b>Jokerman</b></li><li>* <b>Juice ITC</b></li><li>* <b>Magneto Bold</b></li><li>* <b>Matura MT Script Capitals</b></li><li>* <b>Mistral</b></li><li>* <b>Niagara Engraved</b></li><li>* <b>Niagara Solid</b></li><li>* <b>Old English Text MT</b></li><li>* <b>Onyx</b></li><li>* <b>PERPETUA TITLING MT</b></li><li>* <b>Playbill</b></li><li>* <b>Ravie</b></li><li>* <b>SHOWCARD GOTHIC</b></li><li>* <b>Snap ITC</b></li></ul>	<ul style="list-style-type: none"><li>American Typewriter</li><li>COPPERPLATE</li><li>HERCULANUM</li></ul>	* <b>Impact</b>

## Ubuntu (Linux)

- \* **STENCIL**
- \* **Wide Latin**

(link to full character set where available)

Windows	Installed with MS Programs	Mac OS 10.4	Ubuntu (Linux)
<ul style="list-style-type: none"> <li>• Symbol</li> <li>• Webdings</li> <li>• Wingdings</li> </ul>	<ul style="list-style-type: none"> <li>• WingDings 2</li> <li>• WingDings 3</li> <li>• VisualUI</li> <li>• MT Extra</li> </ul>	<ul style="list-style-type: none"> <li>• Apple Symbols</li> <li>• Symbol</li> <li>• Webdings</li> <li>• +Wingdings</li> <li>• Zapf Dingbats</li> </ul>	<ul style="list-style-type: none"> <li>• Dingbats</li> <li>• Open Symbol</li> <li>• Standard Symbols L</li> <li>• *Webdings</li> </ul>

**Notes:**

- In the OSX column, fonts marked with \*\* are part of the Additional Fonts package (installed by default)
- In Ubuntu, many of these fonts will look the same as Deja Vu/Bitstream Vera Sans when typing latin characters. You do not have 10 versions of the same font under different names – these are foreign language variations. Foreign language support must be enabled in some cases to see the characters (I think ???).

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Windows	Installed with MS Programs	Mac OS 10.4	Ubuntu (Linux)
	<ul style="list-style-type: none"><li>Korean (Hangul only)</li><li>Latin</li><li>Tamil</li><li>Thai</li><li>Vietnamese</li></ul>		<ul style="list-style-type: none"><li>Hebrew</li><li>Hiragana</li><li>Katakana</li><li>Malayalam</li><li>Tamil</li><li>Telugu</li><li>Thaana</li><li>Thai</li></ul> <p>FreeSans and FreeMono include fewer glyphs than Free Serif but do have some multi-language support.</p>

Aboriginal	Unified Canadian Aboriginal Syllabics:
	<ul style="list-style-type: none"><li>EuphemiaCASBold**</li><li>EuphemiaCASItalic**</li><li>EuphemiaCASRegular**</li></ul> <p><b>Cherokee:</b></p> <ul style="list-style-type: none"><li>PlantagenetCherokee**</li></ul>

Arabic	<ul style="list-style-type: none"><li>Estrangelo Edessa</li></ul>	<ul style="list-style-type: none"><li>Geeza Pro Bold</li><li>Geeza Pro</li><li>AlBayan**</li><li>AlBayanBold **</li><li>Baghdad**</li><li>DecoTypeNaskh**</li><li>KufiStandarGK**</li><li>Nadeem**</li></ul>	<ul style="list-style-type: none"><li>TAMu_Kadambri</li><li>TAMu_Kalyani</li><li>TAMu_Maduram</li></ul>
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Simplified Chinese	<ul style="list-style-type: none"><li>Hei ST</li><li>Heiti Light</li><li>STHeiti Regular</li><li>STFangsong **</li><li>STKaiti**</li><li>STSong**</li></ul>
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Traditional Chinese	<ul style="list-style-type: none"><li>Apple LiGothic Medium</li><li>LiHei Pro</li><li>Apple LiSung Light **</li><li>BiauKai**</li><li>LiSong Pro**</li></ul>
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Hebrew	<ul style="list-style-type: none"><li>ArialHB**</li><li>ArialHBBold **</li><li>Corsiva**</li><li>CorsivaBold**</li><li>NewPeninimMT**</li><li>Raanana**</li><li>RaananaBold**</li></ul>
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Windows	Installed with MS Programs	Mac OS 10.4	Ubuntu (Linux)
<b>Indic</b>	<ul style="list-style-type: none"><li>Gautami (Telugu)</li><li>Latha (Tamil)</li><li>Mangal (?) (Devanagari)</li><li>Raavi (Devanagari, Gurmukhi)</li><li>Shruti (?) (Gujarati)</li><li>Tunga (Kannada)</li></ul>	<ul style="list-style-type: none"><li>DevanagariMT**</li><li>DevanagariMTBold**</li><li>GujaratiMT**</li><li>GujaratiMTBold**</li><li>Gurmukhi**</li><li>InaiMathi**(Tamil)</li></ul>	<ul style="list-style-type: none"><li>aakar (Gujarati)</li><li>Ani (Bengali)</li><li>Chandas (Devanagari)</li><li>Gargi 1.7 (Devanagari)</li><li>Jamrul (Bengali)</li><li>Kalimati (Hindi/Devanagari)</li><li>Kedage (Kannada)</li><li>Likhan (Bengali)</li><li>Lohit Bengali</li><li>Lohit Gujarati</li><li>Lohit Hindi</li><li>Lohit Punjabi</li><li>Lohit Tamil</li><li>Malayalam</li><li>Mallig (Kannada)</li><li>Mitra Mono (Bengali)</li><li>Mukti Narrow (Bengali)</li><li>oriUni (also called Oriya; Oriya, Khondi, Santali)</li><li>padmaa (Gujarati)</li><li>Pothana 2000</li><li>Rekha (Gujarati)</li><li>Saab (Gujarati)</li><li>Samanata (Hindi/Devanagari)</li><li>Vemana2000 (Telugu)</li></ul>
<b>Japanese</b>	<ul style="list-style-type: none"><li>*Meiryo</li></ul>	<ul style="list-style-type: none"><li>AquaKanaBold</li><li>AquaKanaRegular</li><li>Hiragino Kaku Gothic Pro W3</li><li>Hiragino Kaku Gothic Pro W6</li><li>Hiragino Kaku Gothic Std W8</li><li>Hiragino Maru Gothic Pro W4</li><li>Hiragino Mincho Pro W3</li><li>Hiragino Mincho Pro W6</li><li>Osaka</li><li>OsakaMono</li></ul>	<ul style="list-style-type: none"><li>Kochi Gothic</li><li>Kochi Mincho</li></ul>
<b>Korean</b>		<ul style="list-style-type: none"><li>AppleGothic</li><li>#Gungseouche**</li><li>#HeadlineA**</li><li>#PCmyoungjo**</li><li>#Pilgiche**</li><li>AppleMyungjo**</li></ul>	<ul style="list-style-type: none"><li>Baekmuk Batang</li><li>Baekmuk Dotum</li><li>Baekmuk Gulim</li><li>Baekmuk Headline</li></ul>
<b>Thai</b>		<ul style="list-style-type: none"><li>Ayuthaya**</li><li>Krungthep**</li><li>Sathu**</li><li>Silom**</li><li>Thonburi**</li></ul>	<ul style="list-style-type: none"><li>Garuda</li><li>Loma</li><li>Norasi</li><li>Purisa</li></ul>

Discussion

To discuss, ask questions or comment on this article please see the [Webmaster Forums discussion](#) about this article.

References:

Miscellaneous	Western	Cyrillic:	Lao:
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- [Mac Fonts from Apple](#)
- [List of System fonts in Mac OS X](#) (includes fonts installed with iWork and iLife, which are usually included with OSX)
- [Common fonts to all versions of Windows & Mac equivalents](#)
- [Microsoft Typography Database](#)
- [Fonts installed with Windows XP](#)
- [Fonts available in each version of Windows](#)
- [Font supplied with Window Service Pack 2](#)
- [Fonts installed with Office](#)
- [South Asian Script Fonts](#)
- [Indic font list](#)
- [Fonts that ship with Adobe Creative Suite 3](#)

## How-to's

- [Better CSS Font Stacks](#) - explains how to create a font stack and recommends some attractive stacks for both paragraphs and headings.



### About the Author

Megan is co-founder and editor of A Padded Cell and administrator at [The Webmaster Forums](#). She has been designing websites since 1997, with expertise in design, layout, information architecture, usability, CSS, Drupal theming, and more. She is currently looking for full time or freelance opportunities. Read her [web design blog](#) at [MeganMcDermott.com](http://MeganMcDermott.com) or check out her [portfolio](#).

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