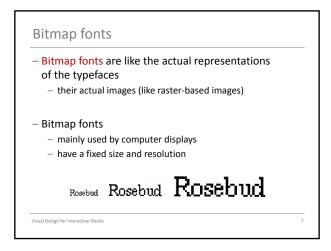
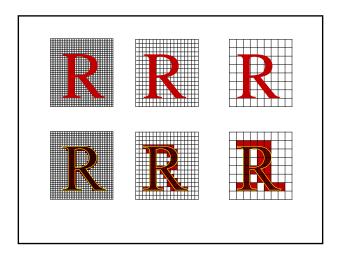
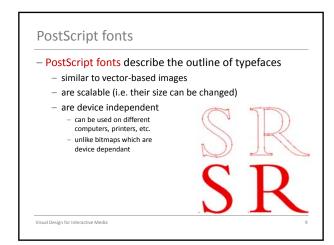


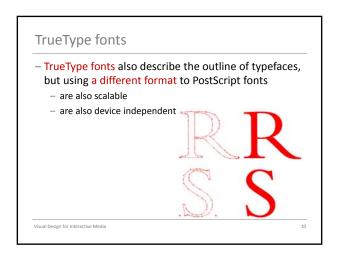
# Terminology - Typeface (font): design of a single set of letterforms, numerals, and special characters - unified by consistent visual properties - Type styles: different modifications of a typeface which retain its essential visual properties - e.g. roman, bold, italic, condensed, etc. - Type family: the complete range of all the variations (type styles) of a typeface design - including roman, italic, bold, condensed, etc.

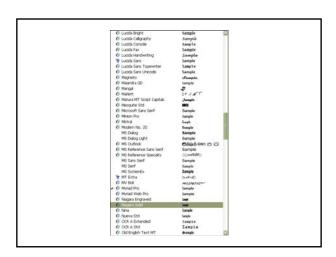
Di	gital fonts
	raditional printing press machines used hot metal prefaces to print text
	<ul> <li>each printing machine had its own range of typefaces</li> </ul>
– N	Modern computers and printers use digital typefaces
– T	here are three main formats for digital typefaces
	– Bitmap
	PostScript Type
	- TrueType

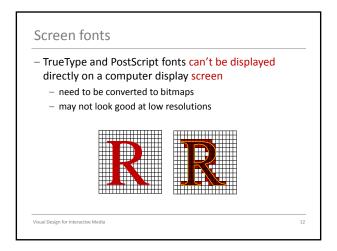


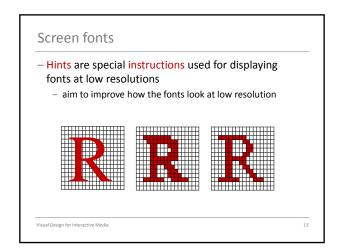


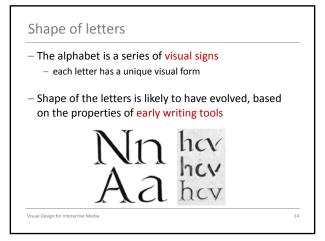


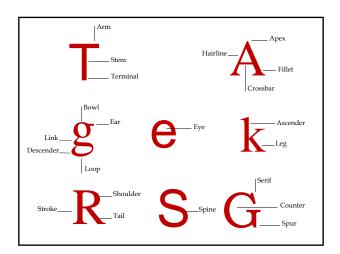


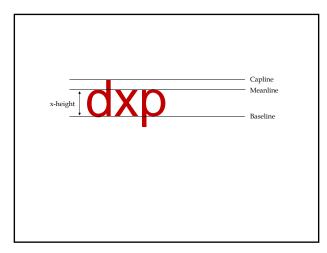


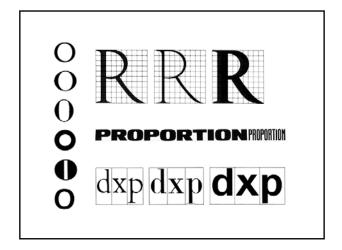


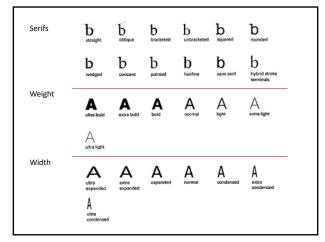


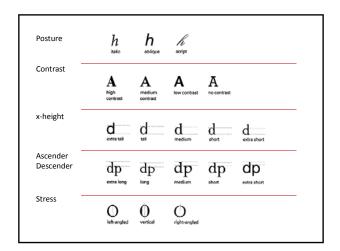








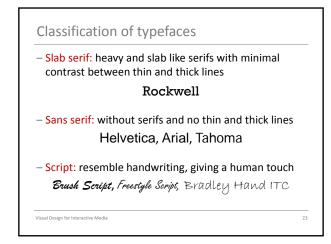




Old Style
Italic
Transitional
Modern
Egyptian
Sans Serif

## Classification of typefaces Old style: based on Roman chisel-edged letters Times New Roman, Palatino Linotype Transitional: similar to old style with more contrast between thin and thick strokes Baskerville, Century Schoolbook Modern: mechanical drawing rather than chiseledged letters with extreme thin and thick contrast Bodoni MT, Modern No. 20











### Web browser-safe typefaces

Only a few fonts are common to most systems or browsers

Arial Black
Comic Sans MS

Courier New

Georgia Impact

Times New Roman Trebuchet MS Verdana

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### Typefaces for the web

- The use of different fonts used to be limited in HTML
  - use of browser-safe fonts
  - not many exciting options available
    - every page ends up using the same combination of fonts
  - text-image replacement
    - only good for replacing some text (e.g. headings)
    - images may not necessarily get downloaded
    - not readable to people with vision disabilities
    - not readable by search-engines, etc.

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## Typefaces for the web

- CSS provides more options for the use of fonts
- A font stack helps the browser to choose an available font, based on an ordered list of options
  - font-family: "trebuchet ms", arial, helvetica, sans-serif;
  - always specify a generic font family option
    - $\,-\,$  serif, sans-serif, cursive (script), fantasy (novelty), monospace
- It is possible to use downloadable web fonts
  - using  ${\tt @font-face}$  option

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