

@font-face

going beyond web safe fonts

Web Safe Fonts

- Only fonts which are on every computer
- Georgia, Verdana, Times New Roman, etc
- Become a better designer by working within these limitations
- Even if it feels like a typographic wasteland

Background Images

- Using background images is currently the only way designers can use their favorite fonts on the web.
- But shouldn't web designers have access to a wider selection of fonts and be able to use them without having to resort to creating background images?

enter @font-face

- There is a way: the *actual font files* can be linked to and retrieved from the web.
- Fonts reside on your server or are linked to a remote location
- Fonts are only used on the page requesting them; not a free for all.
- The idea is over ten years old, but the browser makers couldn't agree on a font format, so the idea languished...

enter @font-face

@font-face brings with it the hope of a standard, cross-platform, cross-browser, lightweight method for referencing font-files not found on end users' computer.

In other words: it allows web designers to store fonts on their server and reference them in CSS, regardless of what fonts the user browsing the page has installed.

Prediction: widespread acceptance: 18-24 months

*“I just want to use [*insert favorite font*] on my site. Is that possible?”*

Right now, probably not. The use of font linking on the web is still in its infancy.

Most fonts that ship with proprietary OS's today have licenses that limit their use to standard desktop applications, so uploading these fonts to a web server is almost certainly not permitted.

Piracy has plagued the font industry in the past, so most font vendors are wary of allowing their fonts to be used except in relatively limited contexts.

- The arguments against web fonts are mostly legal. Fonts are intellectual property and therefore, the argument goes, cannot be published on the web.
- The main issue foundries have with @font-face is that it exposes the files containing the font data for anyone to download.
- There's no digital rights management currently associated with the way @font-face works.
- Foundries currently only have two options: to blindly trust that professionals will pay for their fonts even if they are openly accessible.
- Or to wait for some DRM solution to shield the font files from restricted access.

So How Does It Work?

```
@font-face {  
    font-family: Gentium;  
    src: url(fonts/Gentium.ttf);  
}  
  
p { font-family: Gentium, serif;  
  
}
```

The user agent will download Gentium and use it when rendering text within paragraph elements. If for some reason the site serving the font is unavailable, the default serif font will be used.

It's That Easy?

- Of course not
- Safari 4.0, Firefox 3.5 support @font-face with the true-type format (.ttf)
- While IE has supported font embedding for 10 years, it ignores @font-face and looks for an Embedded Open Type format (.eot)
- Firefox 3.6 uses the .woff format
- and the iPhone needs the .svg format
- Need a lot of complicated css hacks...or

Font Squirrel



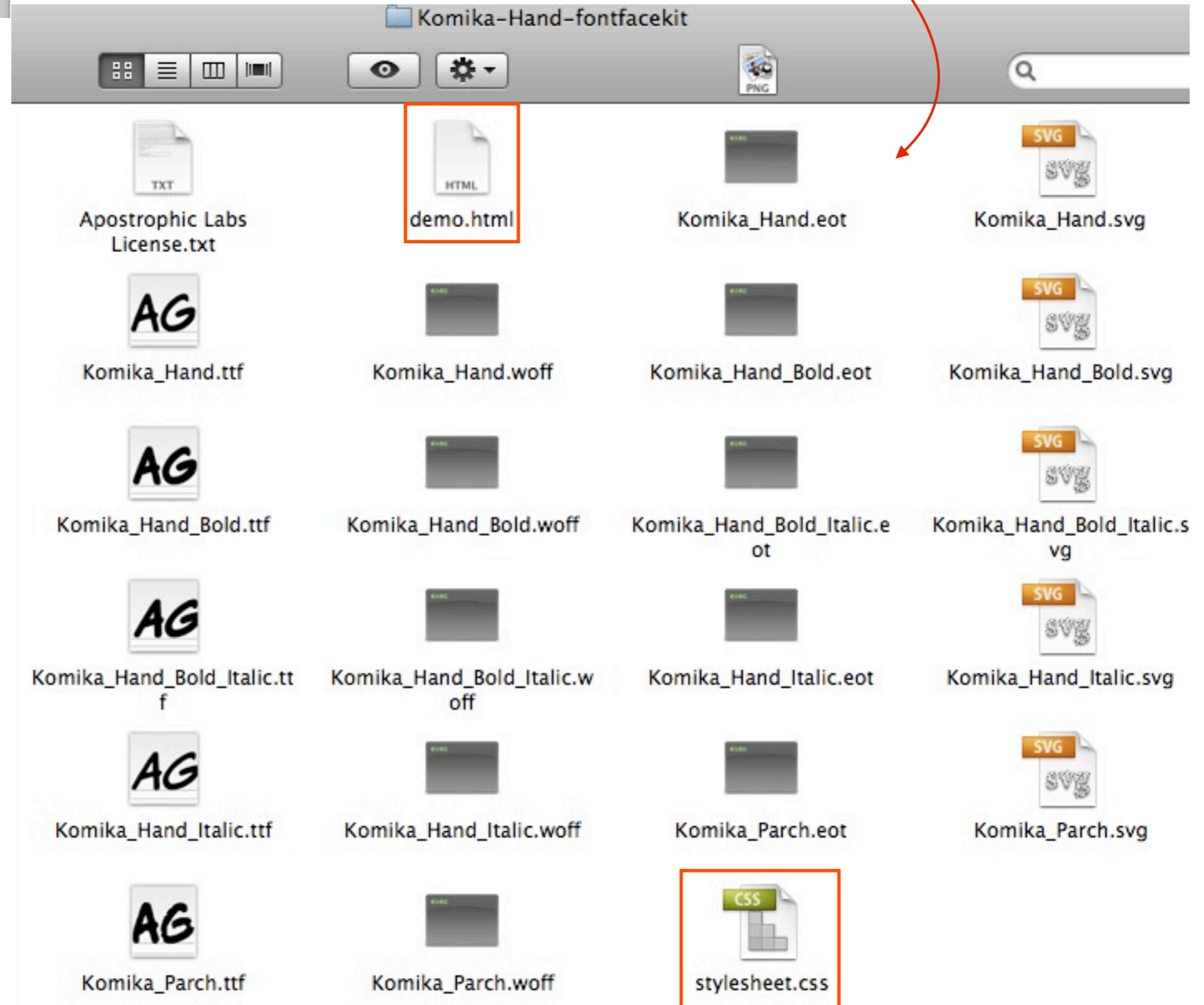
- www.fontsquirrel.com
- Let them write all the css for you
- And download all the free fonts you like

Komika Title | 5 Fonts
Font Info | @font-face Demo | Get Kit
KOMIKA TITLE ABCDEF

download



what you get





Prompted by Firefox

FONT-FACE DEMO FOR THE KOMIKA HAND FONT

What it looks like in the Browser

What it looks like in Dreamweaver

FONT-FACE DEMO FOR THE KOMIKA HAND FONT

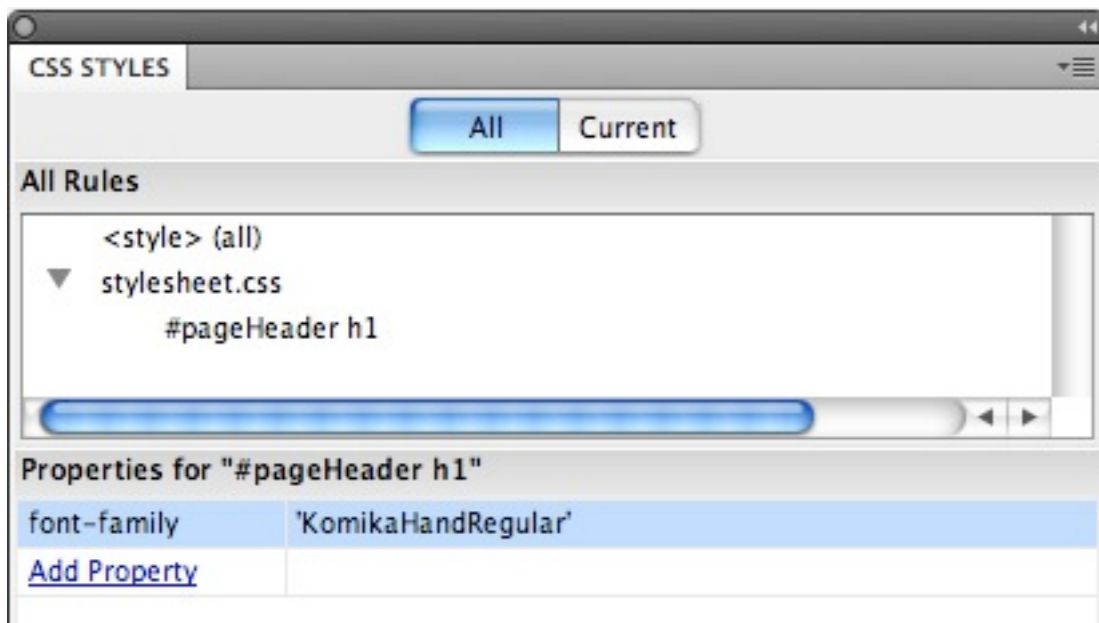
This is an external .css file which loads the font

```
@font-face {
  font-family: 'KomikaHandRegular';
  src: url('Komika_Hand.eot');
  src: local('Komika Hand Regular'),
  local('KomikaHand'),
  url('Komika_Hand.woff') format('woff'),
  url('Komika_Hand.ttf')
  format('truetype'),
  url('Komika_Hand.svg#KomikaHand')
  format('svg');
}
```

This is the html where the styles is defined locally

```
<link rel="stylesheet" href="stylesheet.css" type="text/css"
charset="utf-8">
<style type="text/css" media="screen">
h1.fontface {font: 60px/68px 'KomikaHandRegular', Arial, sans-
serif;letter-spacing: 0;}

p.style1 {font: 18px/27px 'KomikaHandRegular', Arial, sans-serif;}
p.style2 {font: 18px/27px 'KomikaHandItalic', Arial, sans-serif;}
p.style3 {font: 18px/27px 'KomikaHandBold', Arial, sans-serif;}
p.style4 {font: 18px/27px 'KomikaHandBoldItalic', Arial, sans-serif;}
p.style5 {font: 18px/27px 'KomikaParchRegular', Arial, sans-serif;}
```



```
#pageHeader h1 {  
    font-family: 'KomikaHandRegular';  
}
```



CSS ZEN GARDEN

The Beauty of CSS Design

The CSS applied to a Zen Garden

What about me?

- Not required for your Zen Garden
- Not recommended if you want to submit your Zen Garden Layout
- Not recommended for most freelance projects
- Best for a “web-savvy” audience