CSS3 & jQuery for Designers

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Colours

```
rgb(red, green, blue);
rgba(red, green, blue, alpha);
rgba(250, 0, 45, 0.4);

hsl(hue, saturation, lightness);
hsla(hue, saturation, lightness, alpha);
hsla(320, 75%, 30%, 0.3);
```

Text shadow

```
text-shadow: xpos ypos blur color;
text-shadow: 2px -2px 4px #f00;
```

Box shadow

```
box-shadow: xpos ypos blur color;
box-shadow: 0 2px 10px #fff;
```

Border radius

```
border-radius: all;
border-radius: tl tr br bl;
border-radius: 20px;
border-radius: 20px 10px 0 30px;
```

Gradients

```
-webkit-linear-gradient(dir, to, from);
-webkit-radial-gradient(pos, to, from);
-webkit-linear-gradient(top left, #f00, #00f 60%, #0f0);
```

Fonts

```
@font-face {
  font-family: "FontName";
  src: /fonts/source.ttf, /fonts/source.woff;
  font-weight: bold;
  font-style: normal;
}
```

Transitions

```
-webkit-transition: property duration easing delay;
-webkit-transition: color 1s ease;
-webkit-transition: background-color 0.4s linear 1s;
```

Transforms

```
-webkit-transform: property;
-webkit-transform: rotate(2deg) scale(0.9);
-webkit-transform: skewX(5deg) translateX(50px);
```

Animations

```
@-webkit-keyframes animationName {
  0% { properties }
  36% { properties }
  100% { properties }
}
-webkit-animation: animationName duration times
                   direction delay;
-webkit-animation: glow 3s 3;
-webkit-animation: pulse 1s infinite alternate 0.5s;
```

Remember vendor prefixes

`-webkit-`, `-moz-`, `-ms-`, `-o-` plus the unprefixed standard.

Getting an element with jQuery

`$("#header ul li")` *Think of how you get elements with CSS*

Doing things with elements

```
$("#header ul li").addClass("selected");
$("a.button").css("color", "#f00");
$("img").attr("src", "cat.jpg");
```

Chain multiple

```
$("a").addClass("selected").fadeIn(400);
```

Document ready

```
$(document).ready(function () {
  // your code
});
```

Classes

```
$("a").addClass("s").removeClass("s").toggleClass("s");
```

Traversing

```
$("li").parent().next().prev().siblings().find("a");
```

Animation

```
$("div").fadeIn(500);
$("div").slideDown(400);
$("div").show().hide();
```

Events

```
$("a.button").on("click", function () {
  // your code
});
```
Doesn't have to just "click", can be "hover", "focus", etc

```
$(document).on("scroll", function () { ...
$(document).on("mousemove", function () { ...
$(document).on("keydown", function () { ...
$(window).on("resize", function () { ...
```

`return false;` *to stop following links, forms, etc.*

Tools & font resources

http://www.modernizr.com
http://www.sass-lang.com
http://www.coffeescript.org
http://incident57.com/codekit/
http://www.typekit.com *(paid fonts)*
http://www.fontdeck.com *(paid fonts)*
http://www.google.com/webfonts *(free fonts)*

CSS3 & jQuery example sites

http://keenancummings.com/
http://hello.desktimeapp.com/
http://bartaz.github.com/impress.js/
http://imagemechanics.com.au/
http://animade.tv/
http://www.iamyuna.com/
http://krystalrae.com/
http://editsquarterly.com/
http://nizoapp.com/
http://benthebodyguard.com/index.php