



Adobe

MAX

Create beautiful, immersive content and applications with HTML5 and CSS3

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Welcome to Adobe MAX 2011!

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- Provide detail about what exactly are HTML5 & CSS3
- Hands-on usage of HTML5, CSS3, & associated APIs
- Not a graphic design course

- Generic term generally referring to rich web experiences, based on “standards compliant” HTML without plugins.
- More specifically, HTML language version 5, CSS version 3, and associated JavaScript libraries

- New version of HTML language
- Everything in HTML4, plus
 - Simplified doctype
 - Semantic tags `<header>`, `<footer>`, `<nav>`, `<details>`, `<figure>`, etc...
 - Multimedia `<video>` and `<audio>`
 - Programmatic drawing `<canvas>`
 - SVG support



- Everything in CSS2, plus:
 - Rounded corners
 - Drop shadows
 - RGBA & HSLA colors
 - CSS Media Queries
 - Pseudo-class selectors
 - Web fonts
 - Rich formatting and multi-column layouts

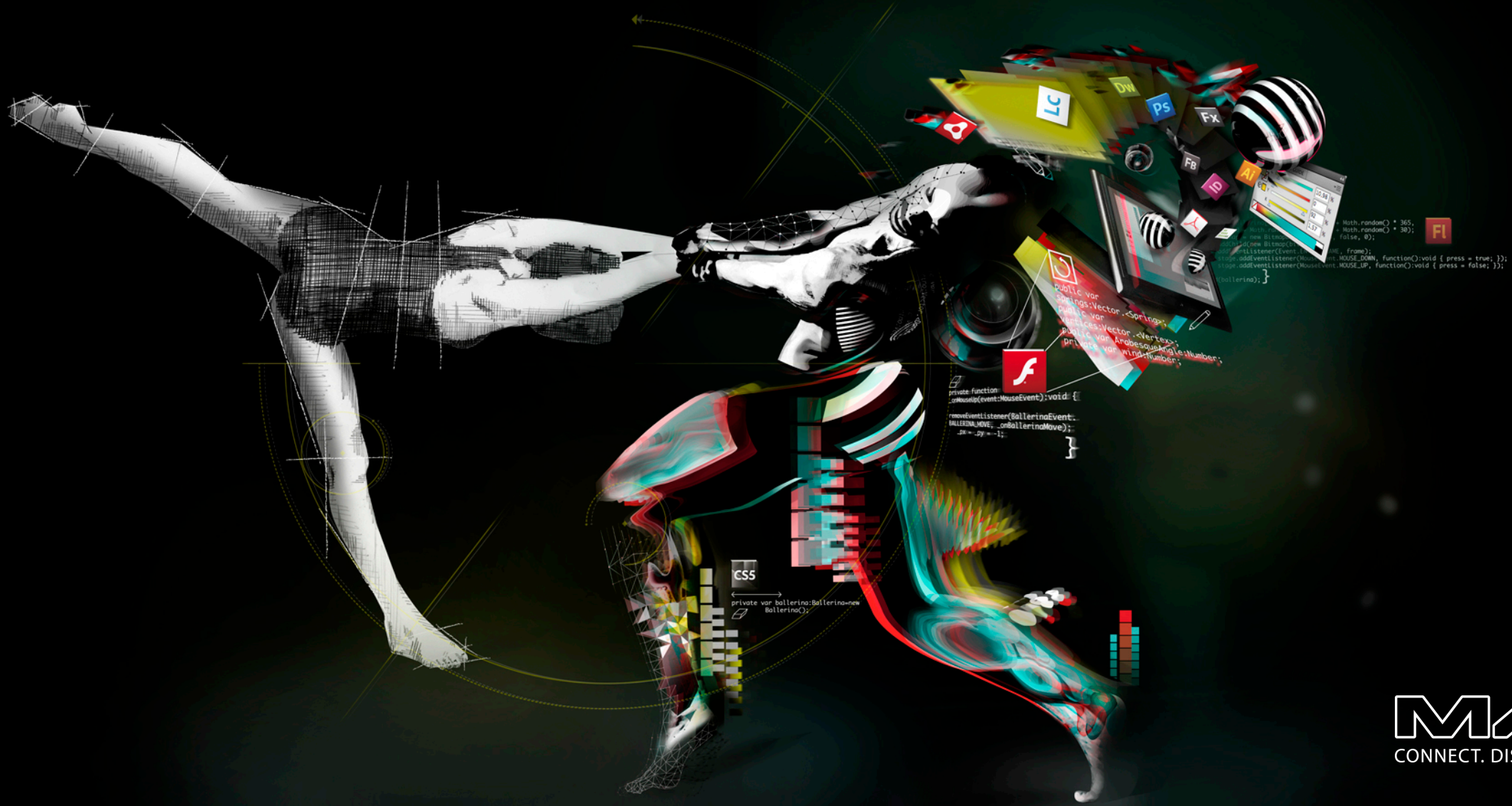
- New APIs
 - Geolocation
 - Client side storage
 - Multimedia APIs
- Frameworks
 - jQuery (jQuery UI, jQuery Mobile), MooTools, Sencha, etc...
 - *Not technically part of HTML5, but definitely useful in building HTML5 experiences*
- Tools
 - Modernizr
 - HTML5boilerplate

- The latest version of most desktop browsers support ***most*** HTML5 & CSS3 features
 - Safari, Chrome, Firefox, IE(9+), Opera
- The latest smartphone/mobile devices support ***most*** HTML5 & CSS3 features
 - iOS, Android*, BlackBerry 6+
- However, it is NOT supported everywhere. You must test in target browsers, and can also use feature detection libraries like Modernizr to have graceful degradation of features.

- Who is your target audience?
- Do their browsers support HTML5?
- Does your application even need HTML5?

- HTML5 “apps” are not as simple as and “HTML page”
 - Simple inclusion of <audio> or <video> is one thing, stateful client-side application is another
 - Rich client side interaction requires development effort
 - Rich client side interaction requires UI designers & developers

Let's start building
HTML5 experiences!



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CONNECT. DISCOVER. INSPIRE.