

# RFID Chips Are Here

## What You Need to Know

Washington University in St. Louis

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# Fake Links

2

Need to create a fake link?

Easy

```
<a href="#">Fake link</a>
```

3

4

`<div>`  
inside  
`<div>`

5

Don't be afraid to nest  
`<div>` inside `</div>`  
(or other block-level elements either)

6

```
<div id="page-container">
  <header>
    Header content
  </header>
  <div id="main-container">
    Main content
  </div>
  <aside>
    Aside content
  </aside>
  <footer>
    Footer content
  </footer>
</div>
```

# Pseudo Classes

7

`<p>` is always a paragraph

`<hr>` is always a horizontal rule

`<em>` is always emphasized text

These elements are always  
in the same *state*

8

`<a>` can be in 4 different states

Link  
Visited  
Hover  
Active

9

A mnemonic: LVHA LoVe HAte (Thank you, <http://css-tricks.com/snippets/css/link-pseudo-classes-in-order/>)

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`a:link`

A link on a webpage,  
unvisited or clicked on

What does it look like by default?

Blue  
Underlined  
Cursor is an arrow

---

11

`a:visited`

A link on a webpage  
after you've clicked on it & visited it

What does it look like by default?

Purple  
Underlined  
Cursor is an arrow

---

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`a:hover`

A link on a webpage  
as you hover your cursor over it

What does it look like by default?

Blue (or purple)  
Underlined  
Cursor is a hand

13

`a:active`

A link on a webpage  
at the moment you click on it

What does it look like by default?

Red (IE, a long time ago)  
Underlined  
Cursor is a hand

14

You may need to differentiate  
between different uses of `<a>`

15

```
<div id="page-container">
  <p>
    Lorem ipsum <a href="//
chainsawonatiresswing.com">dolor sit
amet</a>.
  </p>
</div>
<footer>
  © 2013 <a href="//
www.granneman.com">Scott
Granneman</a>
</footer>
```

```
#page-container a:link,  
#page-container a:visited,  
#page-container a:hover,  
#page-container a:active {  
  color: #800000;  
  text-decoration: none;  
}  
  
footer a:link,  
footer a:visited,  
footer a:hover,  
footer a:active {  
  font-family: Helvetica, sans-serif;  
  border: 1px dotted #e9e9e9;  
}
```

16

If necessary,  
you can always attach a class to an `a`

```
a.class:visited {...}
```

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#### Side Note

By the way,  
there are other pseudo-classes,  
including

```
:first-letter  
:first-line  
:first-child
```

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# HTML5 Elements

20

`<hgroup>`

`<hgroup>` is dead

Mozilla Developer Network:  
“This element has been removed  
from the HTML5 (W3C) specification”

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`<hgroup>`

“... used to group  
a set of h1–h6 elements  
when the heading  
has multiple levels,  
such as subheadings,  
alternative titles,  
or taglines.”

<http://www.w3.org/TR/html5/semantics.html#the-hgroup-element>

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```
<hgroup>
  <h1>
    Google Apps Deciphered
  </h1>
  <h2>
    Compute in the Cloud
  </h2>
</hgroup>
```

---

23

`<footer>`

---

24

Replaces `<div id="footer">`

`<footer>` is not just for pages,  
but also for `<section>` too

Info such as:  
author  
copyright  
links to related content  
contact info



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# Thank you!

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