



# LAB CHEAT SHEET

## SELECTORS:

|                  |           |
|------------------|-----------|
| TYPE             | a {}      |
| DESCENDANT       | p a {}    |
| UNIVERSAL        | * {}      |
| MULTIPLE         | h1, h2 {} |
| DIRECT CHILD     | p > a {}  |
| ADJACENT SIBLING | p + a {}  |
| GENERAL SIBLING  | p ~ a {}  |

## HTML5 SECTIONING ELEMENTS

|                        |   |
|------------------------|---|
| <b>&lt;header&gt;</b>  | <i>Defines a header for a section or page</i>     |
| <b>&lt;nav&gt;</b>     | <i>Defines navigation links</i>                   |
| <b>&lt;article&gt;</b> | <i>Defines an article</i>                         |
| <b>&lt;aside&gt;</b>   | <i>Defines content away from the page content</i> |
| <b>&lt;footer&gt;</b>  | <i>Defines a footer for a section or page</i>     |

## LAYOUT CSS:

|                 |  |
|-----------------|--|
| <b>overflow</b> | <i>visible, hidden, scroll, auto</i>     |
| <b>clear</b>    | <i>left, right, both, none</i>           |
| <b>float</b>    | <i>left, right, none</i>                 |
| <b>display</b>  | <i>inline, inline-block, block, none</i> |

## STEPS TO ACHIEVE A MULTI-COLUMN LAYOUT:

- ☐ Make sure each column has a wrapper around it in your HTML
- ☐ Give a width to each column (preferably in %)
- ☐ Float each column to left
- ☐ Clear anything underneath your columns i.e. a footer using the CSS clear property (clear: both;)
- ☐ Add clearfix class to the parent of any floated elements.
- ☐ Use padding to add space between columns
- ☐ Add box-sizing: border-box; to everything (use the \* CSS selector)

## COLOR:

|              |   |
|--------------|---|
| <b>color</b> | <i>css color unit (hex, rgb, hsl, etc.)</i> |
|--------------|---|

|                         |   |
|-------------------------|---|
| <b>background-color</b> | <i>css color unit (hex, rgb, hsl, etc.)</i> |
|-------------------------|---|

## TEXT:

|                   |                                     |
|-------------------|-------------------------------------|
| <b>text-align</b> | <i>left, right, center, justify</i> |
|-------------------|-------------------------------------|

|                        |                                      |
|------------------------|--------------------------------------|
| <b>text-decoration</b> | <i>none, underline, line-through</i> |
|------------------------|--------------------------------------|

|                       |   |
|-----------------------|---|
| <b>text-transform</b> | <i>none, capitalize, uppercase, lowercase</i> |
|-----------------------|---|

|                    |  |
|--------------------|--|
| <b>line-height</b> | <i>normal, number(1.5), length(20px)</i> |
|--------------------|--|

## BOX MODEL CSS:

|               |                        |
|---------------|------------------------|
| <b>height</b> | <i>auto, length, %</i> |
|---------------|------------------------|

|              |                        |
|--------------|------------------------|
| <b>width</b> | <i>auto, length, %</i> |
|--------------|------------------------|

|               |                                  |
|---------------|----------------------------------|
| <b>margin</b> | <i>margin top   margin right</i> |
|---------------|----------------------------------|

|                   |                        |
|-------------------|------------------------|
| <b>margin-top</b> | <i>auto, length, %</i> |
|-------------------|------------------------|

|                     |  |
|---------------------|--|
| <b>margin-right</b> |  |
|---------------------|--|

|                      |  |
|----------------------|--|
| <b>margin-bottom</b> |  |
|----------------------|--|

|                    |  |
|--------------------|--|
| <b>margin-left</b> |  |
|--------------------|--|

|                |  |
|----------------|--|
| <b>padding</b> | <i>padding top   padding right<br/>padding bottom   padding left</i> |
|----------------|--|

|                    |                        |
|--------------------|------------------------|
| <b>padding-top</b> | <i>auto, length, %</i> |
|--------------------|------------------------|

|                      |  |
|----------------------|--|
| <b>padding-right</b> |  |
|----------------------|--|

|                       |  |
|-----------------------|--|
| <b>padding-bottom</b> |  |
|-----------------------|--|

|                     |  |
|---------------------|--|
| <b>padding-left</b> |  |
|---------------------|--|

|                    |                     |
|--------------------|---------------------|
| <b>font-weight</b> | <i>normal, bold</i> |
|--------------------|---------------------|

|                   |                                |
|-------------------|--------------------------------|
| <b>font-style</b> | <i>normal, italic, oblique</i> |
|-------------------|--------------------------------|

|                    |                                       |
|--------------------|---------------------------------------|
| <b>font-family</b> | <i>family name, serif, sans-serif</i> |
|--------------------|---------------------------------------|

|                  |                                 |
|------------------|---------------------------------|
| <b>font-size</b> | <i>length(12px, 24px, etc.)</i> |
|------------------|---------------------------------|

|               |   |
|---------------|---|
| <b>border</b> | <i>border-width   border-style<br/>border-color</i> |
|---------------|---|

|                   |                                    |
|-------------------|------------------------------------|
| <b>border-top</b> | <i>border-width   border-style</i> |
|-------------------|------------------------------------|

|                     |                     |
|---------------------|---------------------|
| <b>border-right</b> | <i>border-color</i> |
|---------------------|---------------------|

|                      |  |
|----------------------|--|
| <b>border-bottom</b> |  |
|----------------------|--|

|                    |  |
|--------------------|--|
| <b>border-left</b> |  |
|--------------------|--|

|                     |                            |
|---------------------|----------------------------|
| <b>border-width</b> | <i>width(example: 3px)</i> |
|---------------------|----------------------------|

|                     |  |
|---------------------|--|
| <b>border-style</b> | <i>none, hidden, dotted, dashed,<br/>solid, double, groove, ridge, inset,<br/>outset</i> |
|---------------------|--|

|                     |              |
|---------------------|--------------|
| <b>border-color</b> | <i>color</i> |
|---------------------|--------------|