



# Semantic HTML5 Tags

**Making the most of the new tags**



# How to Design

- The most important step in web design is the *design*.
- You need a clear picture of what you want to create, before you can begin coding.

# How to Design

<header>

<section>

<article>

<aside>

<footer>

# Using Semantic Tags

- In the beginning (insert dramatic music of your choice...) there was div
- <div> was a way to group related content together
- Divs almost always had special classes/ids associated with them

```
<div class = “header”>...</div>
```

```
<div class = “section”>...</div>
```

```
<div class = “footer”>...</div>
```

# <header>

- **A group of introductory or navigational aids:** title, navigation links, etc.

```
<header>
    <h1>This is the Title</h1>
    <h2>The author is Colleen</h2>
</header>
```

- Not to be confused with <head> or the different headings.

# <nav>

- A section of the page that links to other pages or to parts within the page.

```
<nav>
    <ul>
        <li><a href="#overview">Overview</a></li>
        <li><a href="#history">History</a></li>
        <li><a href="#development">Development</a>
    <ul>
</nav>
```

- Often found in the <header> tag

# <footer>

- A section that **contains info such as copyright data, related documents, and links to social media**

```
<footer>
    © 2015 by Colleen van Lent<br>
    <a href="http://www.intro-webdesign.com/HTML5">Introduction to
    HTML5</a>
</footer>
```

- **Typically at the bottom of the page, but not required.**

# <figure>

- More semantics than <img>. Can include:
  - caption
  - multiple multi-media resources

```
<figure>
  
  <figcaption> A sunset over Lake Erie. Taken in
    | Ashtabula Ohio</figcaption>
</figure>
```

# Other New Tags

- **Structural Elements**
  - `article`, `aside`, `main`, `menuitem`, `summary`, `section`
- **Form Elements**
  - `datalist`, `keygen`, `output`
- **Input Types**
  - `color`, `date`, `email`, `list`
- **Graphics Elements**
  - `canvas`, `svg`
- **Media Elements**
  - `audio`, `embed`, `source`, `track`, `video`



# Review

- The age of <div> is ending
- Semantic tags help guide users to information in your page

# Acknowledgements/Contributions

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