

# HTML Tags: Table

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# Tables: about

- Data visualization
- Applications that engage users: add, edit, remove, group etc
- Clear, interactive and responsive
- Used for dashboards mostly
- **NOT** used for building layouts, we have other techniques for that

# <table>: basics

```

<table>
  <thead>
    <tr>
      <th>Name</th>
      <th>Email</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>Roxana</td>
      <td>roxana@yahoo.com</td>
    </tr>
    <tr>
      <td>Roxana2</td>
      <td>roxana2@yahoo.com</td>
    </tr>
  </tbody>
  <tfoot>
    <tr>
      <td colspan="2">Total customers: 2</td>
    </tr>
  </tfoot>
</table>
  
```

# ◁table▷: tags

- <table>
- <thead>
- <tbody>
- <tfoot>
- <tr>
- <th>
- <td>



Accessibility: put a **<caption>** on it

```
<table>
  <caption>Awesome caption for any table</caption>
  <thead>
    <tr>
      <th>Name</th>
      <th>Email</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>Roxana</td>
      <td>roxana@yahoo.com</td>
    </tr>
    <tr>
      <td>Roxana2</td>
      <td>roxana2@yahoo.com</td>
    </tr>
  </tbody>
  <tfoot>
    <tr>
      <td colspan="2">Total customers: 2</td>
    </tr>
  </tfoot>
</table>
```

# Flexibility: **colspan**, **rowspan** attributes

```

<table>
  <caption>Awesome caption for any table</caption>
  <thead>
    <tr>
      <th>Name</th>
      <th>Email</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>Roxana</td>
      <td>roxana@yahoo.com</td>
    </tr>
    <tr>
      <td>Roxana2</td>
      <td>roxana2@yahoo.com</td>
    </tr>
  </tbody>
  <tfoot>
    <tr>
      <td colspan="2">Total customers: 2</td>
    </tr>
  </tfoot>
</table>

```

```

<table>
  <tr>
    <th>Name</th>
    <td>Roxana</td>
  </tr>
  <tr>
    <th rowspan="2">Email</th>
    <td>roxana@yahoo.com</td>
  </tr>
  <tr>
    <td>roxana2@yahoo.com</td>
  </tr>
</table>

```

Reusable code: **<colgroup>**: apply a set of rules to entire columns

```
<table>
  <colgroup>
    <col style="background-color: ■ #0f0">
    <col span="2">
  </colgroup>
  <tr>
    <th>Lime</th>
    <th>Lemon</th>
    <th>Orange</th>
  </tr>
  <tr>
    <td>Green</td>
    <td>Yellow</td>
    <td>Orange</td>
  </tr>
</table>
```



# /Email Templates\





# Email templates: **basics**

- Intensive use of **<table>** tag (and related)
- Inline styling (preferable no shorthand CSS rules)
- Building for different user agents (yahoo, gmail, outlook, desktop apps, mobile apps)
- CSS: mostly fixed sizes (risky with “auto”)
- Risky adding text inside images (bg or not) - most user agents block assets
- Very limited: very few external resources, less fonts as possible
- Repetitive code (in this case) makes sure the user sees what you intend
- Bottom-line: stick to the basics
- One of the main advantage of inline-styling

# Email templates: **safe elements**

- `<table>` (and related children nodes)
- `<img>`
- inline styling (margin, padding, width, border, background)

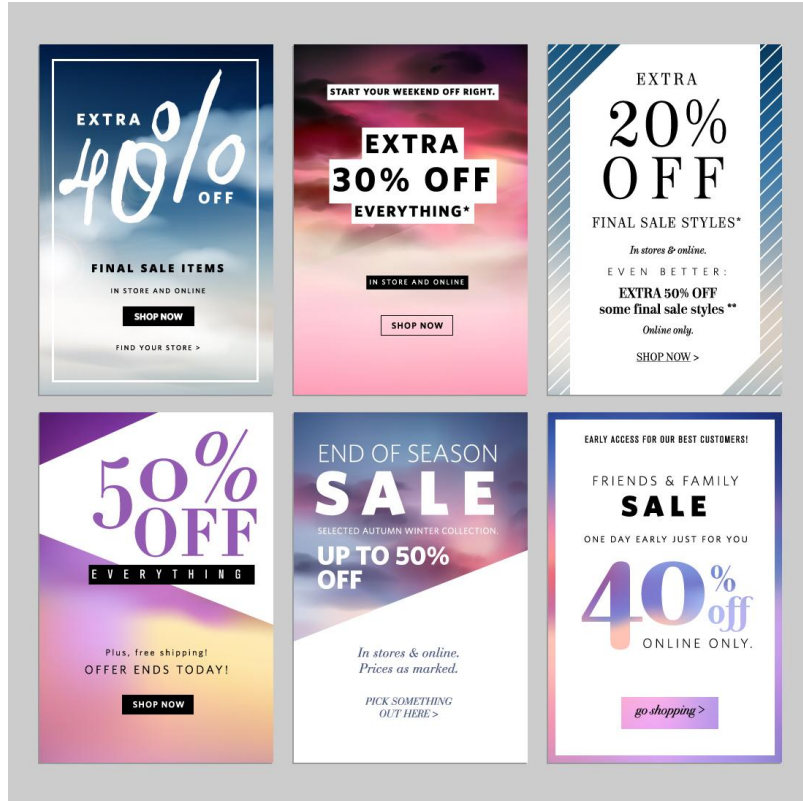




/examples\



# Email templates: **examples**






/code\



# Email templates: **newsletter**

An illustration of a blue mailbox with a yellow flag, set against a light blue sky with white clouds and several white envelopes with yellow seals flying through the air. The entire scene is framed within a white rounded rectangle on a solid blue background.

**Subscribe!**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec vulputate neque eget sem fringilla, quis lacinia orci euismod.

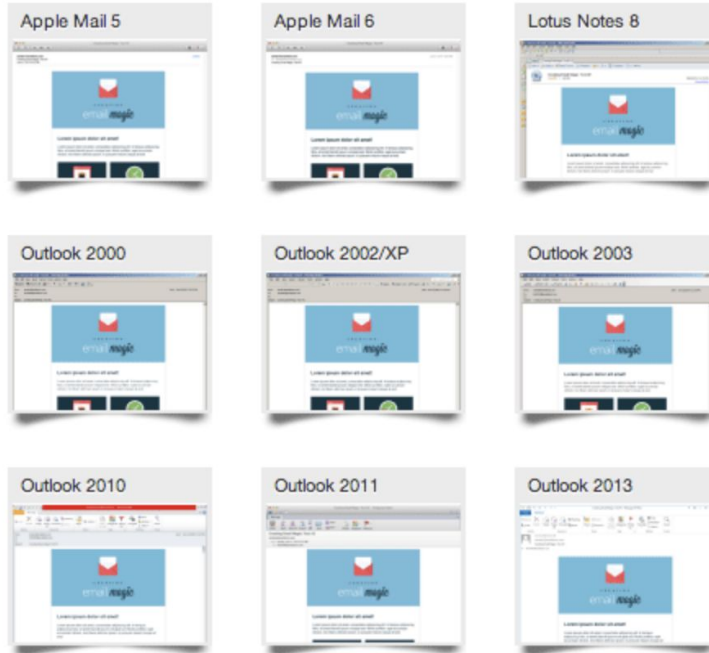
Enter email address

SEND

# Testing tool: **litmus**



## Desktop Email Clients





# /Assignment\





# Assignment #7



- Well-formed doc
- Email template
- Inline styling



/Q&A\





# Thank you

**Next: Responsiveness**

