

CSS BOX MODEL

BUILDING BLOCKS

BLOCK LEVEL

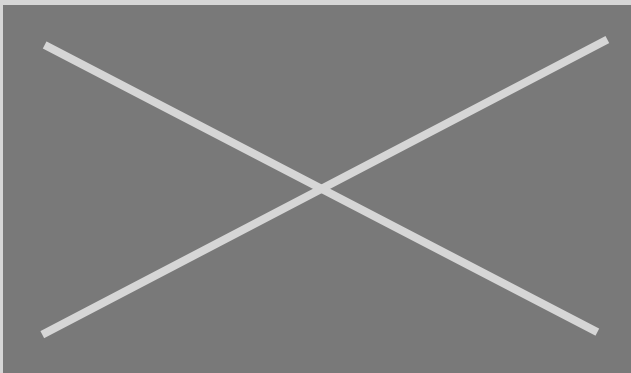
LOREM IPSUM

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam sodales pretium ipsum. Etiam ut enim augue. Etiam mi tortor, pulvinar at dictum faucibus, mollis eget nunc. Morbi justo velit, rutrum vel placerat in, adipiscing vitae sapien.

- Duis in erat neque.
- Pellentesque habitant morbi
- Praesent ac condimentum neque

INLINE

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam sodales **pretium ipsum**. Etiam ut enim augue. Etiam mi tortor, pulvinar at dictum faucibus, mollis eget nunc. Morbi justo velit, rutrum vel placerat in, adipiscing.



Suspendisse potenti. Duis in erat neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas.

THINKING INSIDE THE BOX

The Cottage Garden

The *cottage garden* is a distinct style of garden that uses an informal design, dense planting and a mixture of ornamental and edible plants.

The Cottage Garden originated in *England* and its history can be traced back for centuries, although they were re-invented in 1870's England, when stylized versions were formed as a reaction to the more structured and rigorously maintained *English estate gardens*.

The earliest cottage gardens were more practical than their modern descendants, with an emphasis on vegetables and herbs, along with some fruit trees.

WIDTH & HEIGHT

Hello | HEIGHT

WIDTH

BORDER, MARGIN AND PADDING



PADDING

BORDER

MARGIN

BOX DIMENSIONS

```
div {  
  width: 400px;  
  height: 300px;  
  background-color: #ee3e80; /* Pink box */  
}  
  
p {  
  width: 75%;  
  height: 75%;  
  background-color: #e1ddda; /* Grey box */  
}
```

CODE

BOX DIMENSIONS

The Moog company pioneered the commercial manufacture of modular voltage-controlled analog synthesizer systems in the early 1950s.

BORDER WIDTH

```
p.one {  
  border-width: 2px;  
}
```

CODE

```
p.two {  
  border-width: thick;  
}
```

Bottom

⋮

```
p.three {  
  border-width: 1px 4px 12px 4px;  
}
```

⋮

⋮

⋮

Top Right Left

BORDER WIDTH

Hohner's "Clavinet" is essentially an electric clavichord.

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BORDER STYLE

```
p.one {border-style: solid;}
p.two {border-style: dotted;}
p.three {border-style: dashed;}
p.four {border-style: double;}
p.five {border-style: groove;}
p.six {border-style: ridge;}
p.seven {border-style: inset;}
p.eight {border-style: outset;}
```

CODE

BORDER STYLE

Wurlitzer Electric Piano

Wurlitzer Electric Piano

Wurlitzer Electric Piano

Wurlitzer Electric Piano

Wurlitzer Electric Piano

Wurlitzer Electric Piano

Wurlitzer Electric Piano

Wurlitzer Electric Piano

BORDER COLOR

```
p.one {  
  border-color: #0088dd;  
}
```

```
p.two {  
  border-color: #bbbbaa #111111 #ee3e80 #0088dd;  
}
```

CODE

BORDER COLOR

The ARP Odyssey was
introduced in 1972.

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introduced in 1972.

BORDER SHORTHAND

```
p {  
  width: 250px;  
  border: 3px dotted #0088dd;  
}
```

CODE

Width Style Color

BORDER SHORTHAND

Here is a simple chord sequence
played on a Hammond organ
through a Leslie speaker.

PADDING

```
p {  
  width: 275px;  
  border: 2px solid #0088dd;  
}
```

```
p.example {  
  padding: 10px;  
}
```

CODE

PADDING

Analog synths produce a wave sound, whereas the sounds stored on a digital synth have been sampled and then turned into numbers.

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MARGIN

```
p {  
  width: 200px;  
  border: 2px solid #0088dd;  
  padding: 10px;  
}
```

```
p.example {  
  margin: 20px;  
}
```

CODE

MARGIN

Analog synthesizers are often said to have a "warmer" sound than their digital counterparts.

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CENTERING CONTENT

```
body {  
  text-align: center;  
}
```

CODE

```
p {  
  width: 300px;  
  padding: 50px;  
  border: 20px solid #0088dd;  
}
```

```
p.example {  
  margin: 10px auto;  
  text-align: left;  
}
```

CENTERING CONTENT

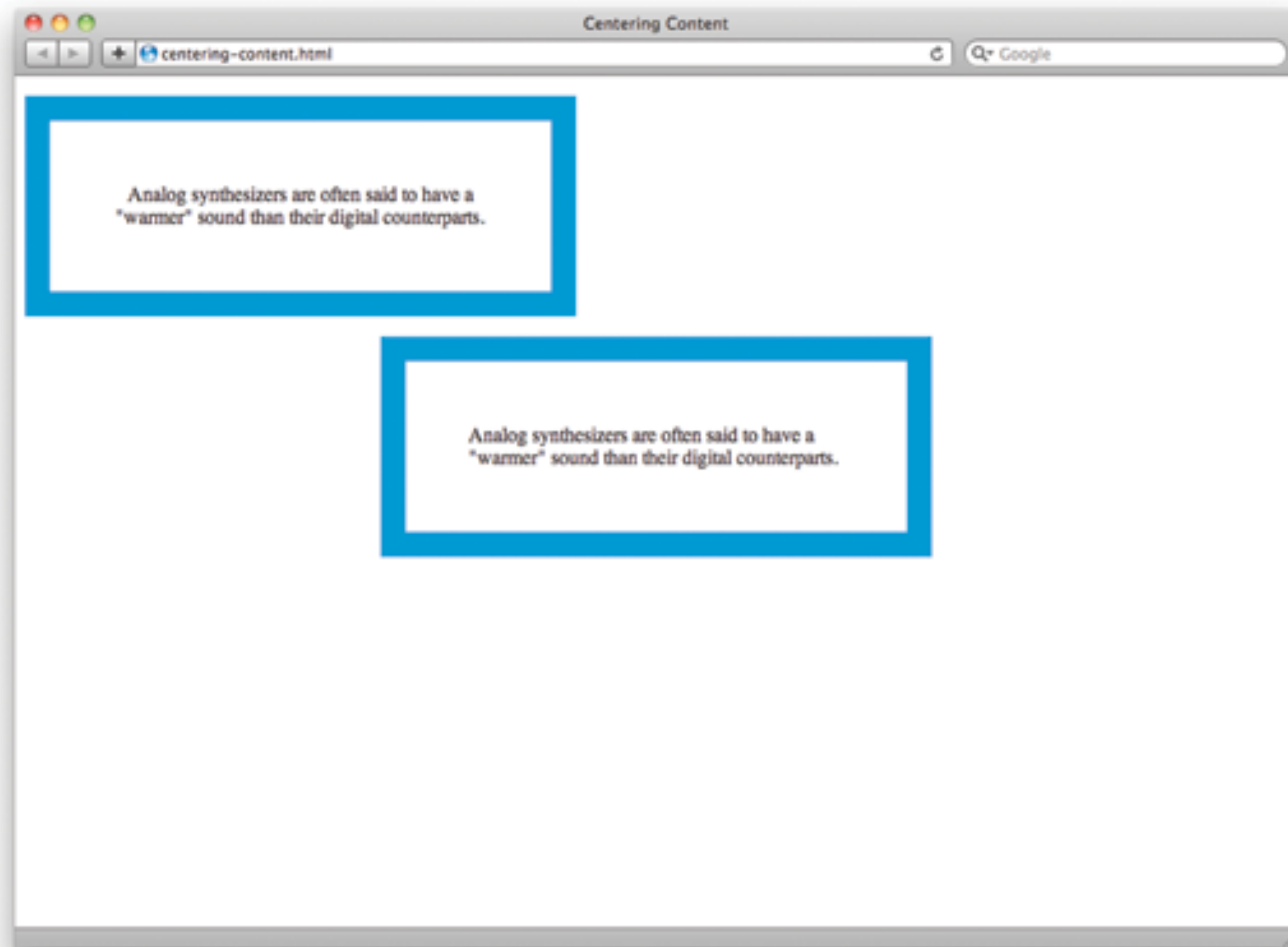
```
body {  
    text-align: center; /* Text alignment */  
}
```

CODE

```
p {  
    width: 300px;  
    padding: 50px;  
    border: 20px solid #0088dd;  
}
```

```
p.example {  
    margin: 10px auto; /* Margin `auto` on left and right for block elements */  
    text-align: left;  
}
```

CENTERING CONTENT



OVERFLOWING CONTENT

```
p.one {  
  overflow: hidden;  
}
```

```
p.two {  
  overflow: scroll;  
}
```

CODE

OVERFLOWING CONTENT

Fender Stratocaster

The Fender Stratocaster or "Strat" is one of the most popular electric guitars of all time, and its design has been copied by many guitar makers.

Gibson Les Paul

The Gibson Les Paul is a solid body electric guitar that was first sold in 1952. The Les Paul was designed by



DISPLAY INLINE/BLOCK

```
li {  
  display: inline;  
  margin-right: 10px;  
}
```

```
li.coming-soon {  
  display: none;  
}
```

CODE

DISPLAY INLINE/BLOCK

Home Products About Contact

VISIBILITY

```
li {  
    display: inline;  
    margin-right: 10px;  
}
```

```
li.coming-soon {  
    visibility: hidden;  
}
```

CODE

VISIBILITY

Home Products

About Contact

FLOATS

FLOATING ELEMENTS

```
blockquote {  
  float: right;  
  width: 275px;  
  font-size: 130%;  
  font-style: italic;  
  font-family: Georgia, Times, serif;  
  margin: 0px 0px 10px 10px;  
  padding: 10px;  
  border-top: 1px solid #665544;  
  border-bottom: 1px solid #665544;  
}
```

CODE

FLOATING ELEMENTS

```
blockquote {  
    float: right;  
    width: 275px;  
    font-size: 130%;  
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```

CODE

The Evolution of the Bicycle

In 1817 Baron von Drais invented a walking machine that would help him get around the royal gardens faster: two same-size in-line wheels, the front one steerable, mounted in a frame upon which you straddled. The device was propelled by pushing your feet against the ground, thus rolling yourself and the device forward in a sort of gliding walk.

*"Life is like riding a bicycle.
To keep your balance you
must keep moving." - Albert
Einstein*

The machine became known as the Draisienne (or "hobby horse"). It was made entirely of wood. This enjoyed a short lived popularity as a fad, not being practical for transportation in any other place than a well maintained pathway such as in a park or garden.

The next appearance of a two-wheeled riding machine was in 1865, when pedals were applied directly to the front wheel. This machine was known as the velocipede (meaning "fast foot") as well as the "bone shaker," since it's wooden structure combined with the cobblestone roads of the day made for an extremely uncomfortable ride. They also became a fad and indoor riding academies, similar to roller rinks, could be found in large cities.

PLACING ELEMENTS SIDE-BY-SIDE

```
body {  
  width: 750px;  
  font-family: Arial, Verdana, sans-serif;  
  color: #665544;  
}
```

CODE

```
p {  
  float: left;  
  width: 230px;  
  margin: 5px;  
  padding: 5px;  
  background-color: #efefef;  
}
```

PLACING ELEMENTS SIDE-BY-SIDE

```
body {  
  width: 750px;  
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PLACING ELEMENTS SIDE-BY-SIDE

The Evolution of the Bicycle

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The device known as the Draisienne (or "hobby horse") was made of wood, and propelled by pushing your feet on the ground in a gliding movement.

It was not seen as suitable for any place other than a well-maintained pathway.

In 1870 the first all-metal machine appeared. The pedals were attached directly to the front wheel.

Solid rubber tires and the long spokes of the large front wheel provided a much smoother ride than its predecessor.

In 1865, the velocipede (meaning "fast foot") attached pedals to the front wheel, but its wooden structure made it extremely uncomfortable.

CLEARING FLOATS

```
p {  
  width: 230px;  
  float: left;  
  margin: 5px;  
  padding: 5px;  
  background-color: #efefef;  
}  
  
.clear {  
  clear: left;  
}
```

CODE

CLEARING FLOATS

```
p {  
  width: 230px;  
  float: left;  
  margin: 5px;  
  padding: 5px;  
  background-color: #efefef;  
}  
  
.clear {  
  clear: left;  
}
```

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PARENTS OF FLOATED ELEMENTS = PROBLEM

```
div {  
  border: 1px solid #665544;  
}
```

CODE

PARENTS OF FLOATED ELEMENTS = PROBLEM

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PARENTS OF FLOATED ELEMENTS = SOLUTION

```
div {  
  border: 1px solid #665544;  
  overflow: auto;  
}
```

CODE

PARENTS OF FLOATED ELEMENTS = SOLUTION

The Evolution of the Bicycle

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QUESTIONS?