

CSS - The Box Model

How Elements are Drawn

CSS


Everything is a Box

```
<style type="text/css">
  p {
    width: 500px;
```

```
  }
</style>
```

```
<p>
Deflector power at maximum. Energy discharge in
six seconds. Warp reactor core primary coolant
failure. Fluctuate phaser resonance frequencies.
Resistance is futile.
</p>
```

Deflector power at maximum. Energy discharge in
six seconds. Warp reactor core primary coolant
failure. Fluctuate phaser resonance frequencies.
Resistance is futile.



Total Width: 500px

CSS

Everything is a Box

```
<style type="text/css">
  p {
    width: 500px;
    padding: 10px;
  }
</style>
```

```
<p>
Deflector power at maximum. Energy discharge in
six seconds. Warp reactor core primary coolant
failure. Fluctuate phaser resonance frequencies.
Resistance is futile.
</p>
```

Deflector power at maximum. Energy discharge in six seconds. Warp reactor core primary coolant failure. Fluctuate phaser resonance frequencies. Resistance is futile.

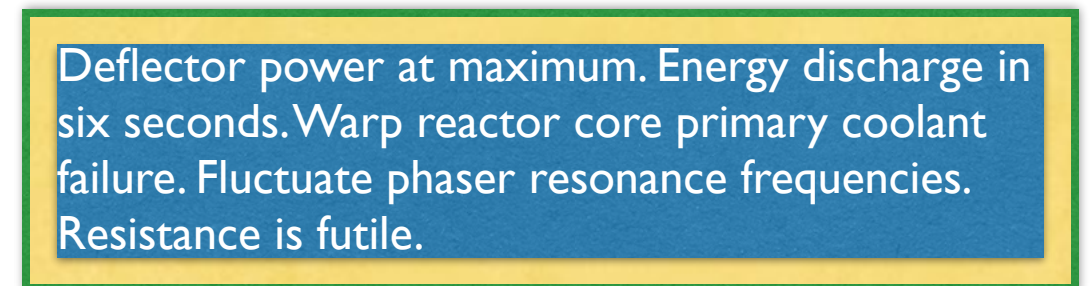
Total Width: 520px

CSS

Everything is a Box

```
<style type="text/css">
  p {
    width: 500px;
    padding: 10px;
    border: 3px solid green;
  }
</style>
```

```
<p>
Deflector power at maximum. Energy discharge in
six seconds. Warp reactor core primary coolant
failure. Fluctuate phaser resonance frequencies.
Resistance is futile.
</p>
```



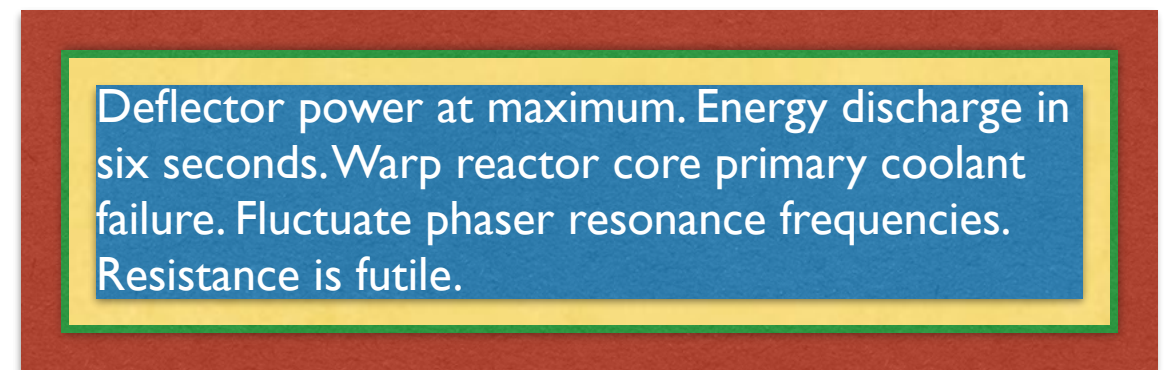
Total Width: 526px

CSS

Everything is a Box

```
<style type="text/css">
  p {
    width: 500px;
    padding: 10px;
    border: 3px solid green;
    margin: 15px; /* margins don't affect box width */
  }
</style>
```

```
<p>
Deflector power at maximum. Energy discharge in
six seconds. Warp reactor core primary coolant
failure. Fluctuate phaser resonance frequencies.
Resistance is futile.
</p>
```



Total Width: 526px

CSS

Types of Boxes

Inline

- Flows with text, even wrapping to lines below
- Dimensions cannot be set
- Top and Bottom margins are ignored

<a>, ,

Block

- Takes up entire width (nothing on the sides)
- Dimensions can be set
- Can constrain other elements within it

<p>, <div>, <h1>

CSS

Types of Boxes

Inline

Inline-Block

Block

- Flows with text, unless dimensions are set
- Can sit next to other inline or inline-block elements
- Dimensions can be set
- Must be set by CSS