

# Chapter 26: Progress Element

Parameter	Value
max	How much work the task requires in total
value	How much of the work has been accomplished already
position	This attribute returns the current position of the <code>&lt;progress&gt;</code> element
labels	This attribute returns a list of <code>&lt;progress&gt;</code> element labels (if any)

## Section 26.1: Progress

The `<progress>` element is new in HTML5 and is used to represent the progress of a task

```
<progress value="22" max="100"></progress>
```

This creates a bar filled 22%

## Section 26.2: Changing the color of a progress bar

Progress bars can be styled with the `progress[value]` selector.

This example gives a progress bar a width of 250px and a height of 20px

```
progress[value] {  
  width: 250px;  
  height: 20px;  
}
```

Progress bars can be especially difficult to style.

### Chrome / Safari / Opera

These browsers use the `-webkit-appearance` selector to style the progress tag. To override this, we can reset the appearance.

```
progress[value] {  
  -webkit-appearance: none;  
  appearance: none;  
}
```

Now, we can style the container itself

```
progress[value]::-webkit-progress-bar {  
  background-color: "green";  
}
```

### Firefox

Firefox styles the progress bar a little differently. We have to use these styles

```
progress[value] {  
  -moz-appearance: none;  
  appearance: none;  
  border: none; /* Firefox also renders a border */  
}
```

```
}
```

## Internet Explorer

Internet Explorer 10+ supports the `progress` element. However, it does not support the `background-color` property. You'll need to use the `color` property instead.

```
progress[value] {  
    -webkit-appearance: none;  
    -moz-appearance: none;  
    appearance: none;  
  
    border: none; /* Remove border from Firefox */  
  
    width: 250px;  
    height: 20px;  
  
    color: blue;  
}
```

## Section 26.3: HTML Fallback

For browsers that do not support the `progress` element, you can use this as a workaround.

```
<progress max="100" value="20">  
    <div class="progress-bar">  
        <span style="width: 20%;">Progress: 20%</span>  
    </div>  
</progress>
```

Browsers that support the `progress` tag will ignore the `div` nested inside. Legacy browsers which cannot identify the `progress` tag will render the `div` instead.