

# HTML Anatomy

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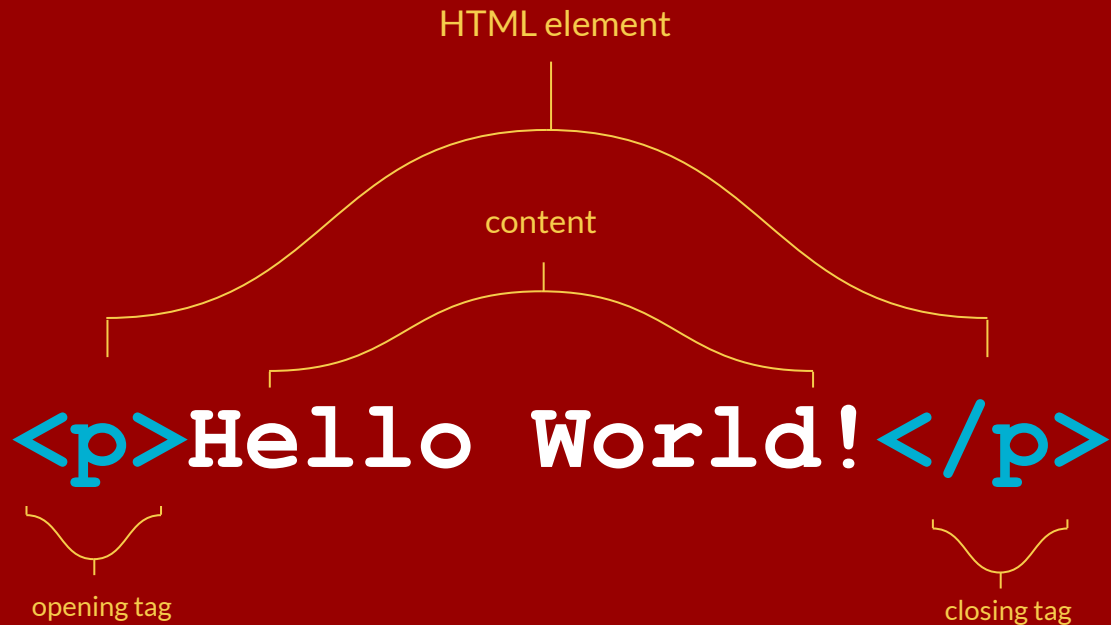
HTML elements, visualized

HTML element

A diagram showing a blue bracket above the text "<p>Hello World!</p>". A vertical line connects the center of the bracket to the text "HTML element" above it.

`<p>Hello World!</p>`

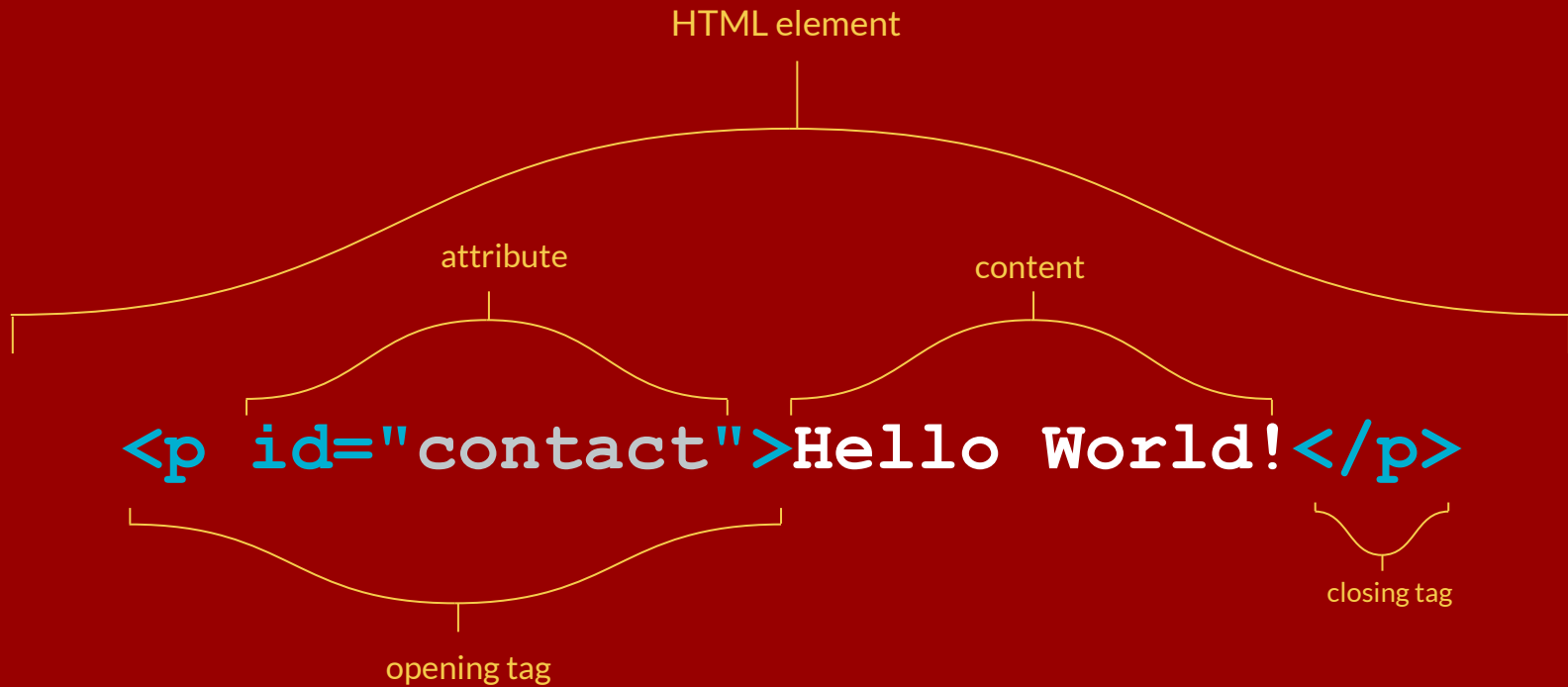
**HTML elements** are the components HTML. Individual elements make up an HTML document. They are the building blocks of a webpage.



HTML elements begin with an **opening tag** and end with a **closing tag**. Between them is the content.

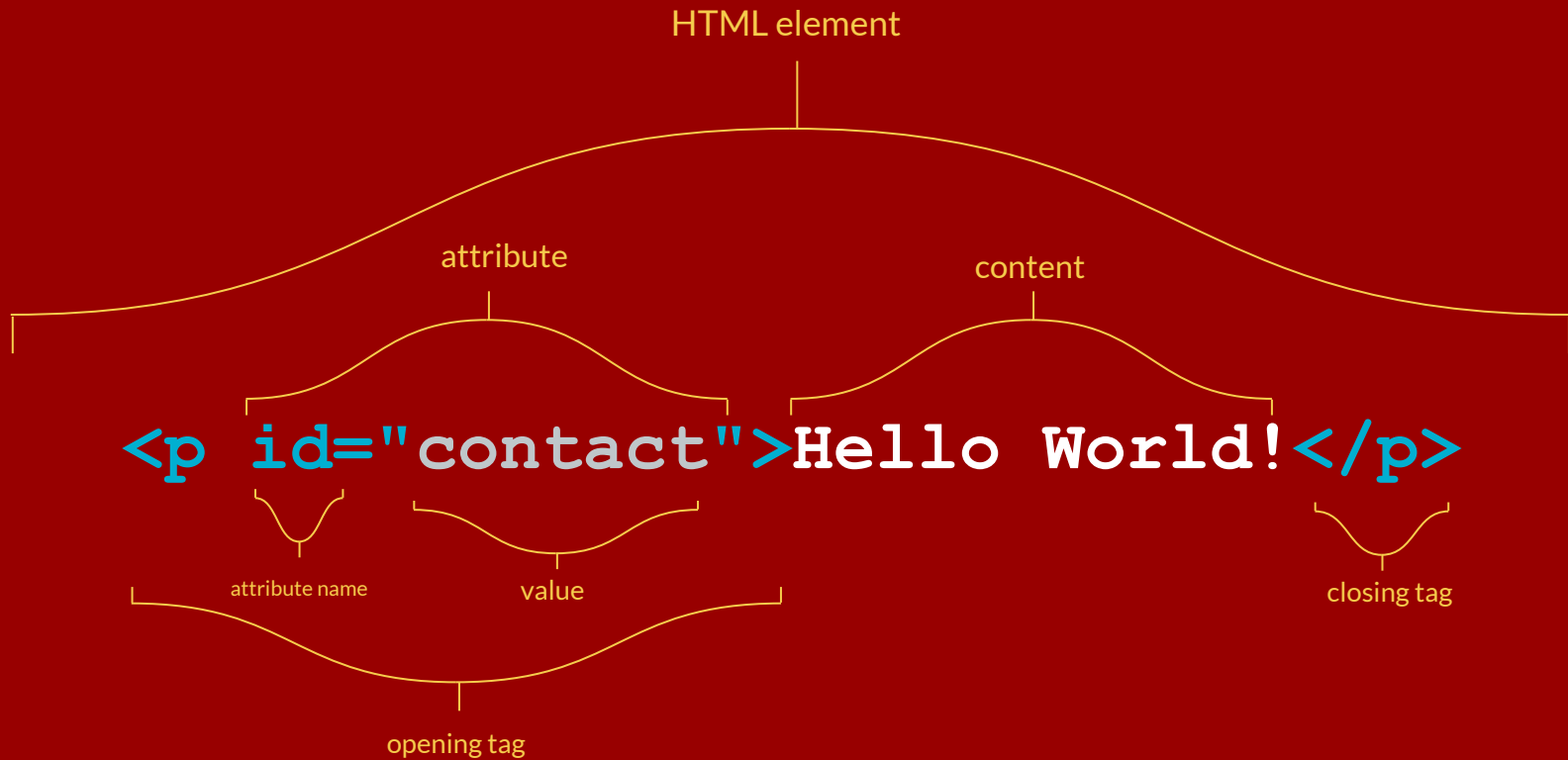
Closing tags have a /

# Attributes



**Attributes** provide additional information about HTML elements.

Attributes appear within the opening tag



Attribute names and values are separated by an equals sign

Put double quotes around the attribute value

The diagram shows the HTML opening tag `<p id="contact" style="color:red">` with three annotations. A bracket labeled "opening tag" spans the entire tag. Two brackets labeled "attribute" point to the `id="contact"` and `style="color:red"` parts respectively.

attribute

attribute

opening tag

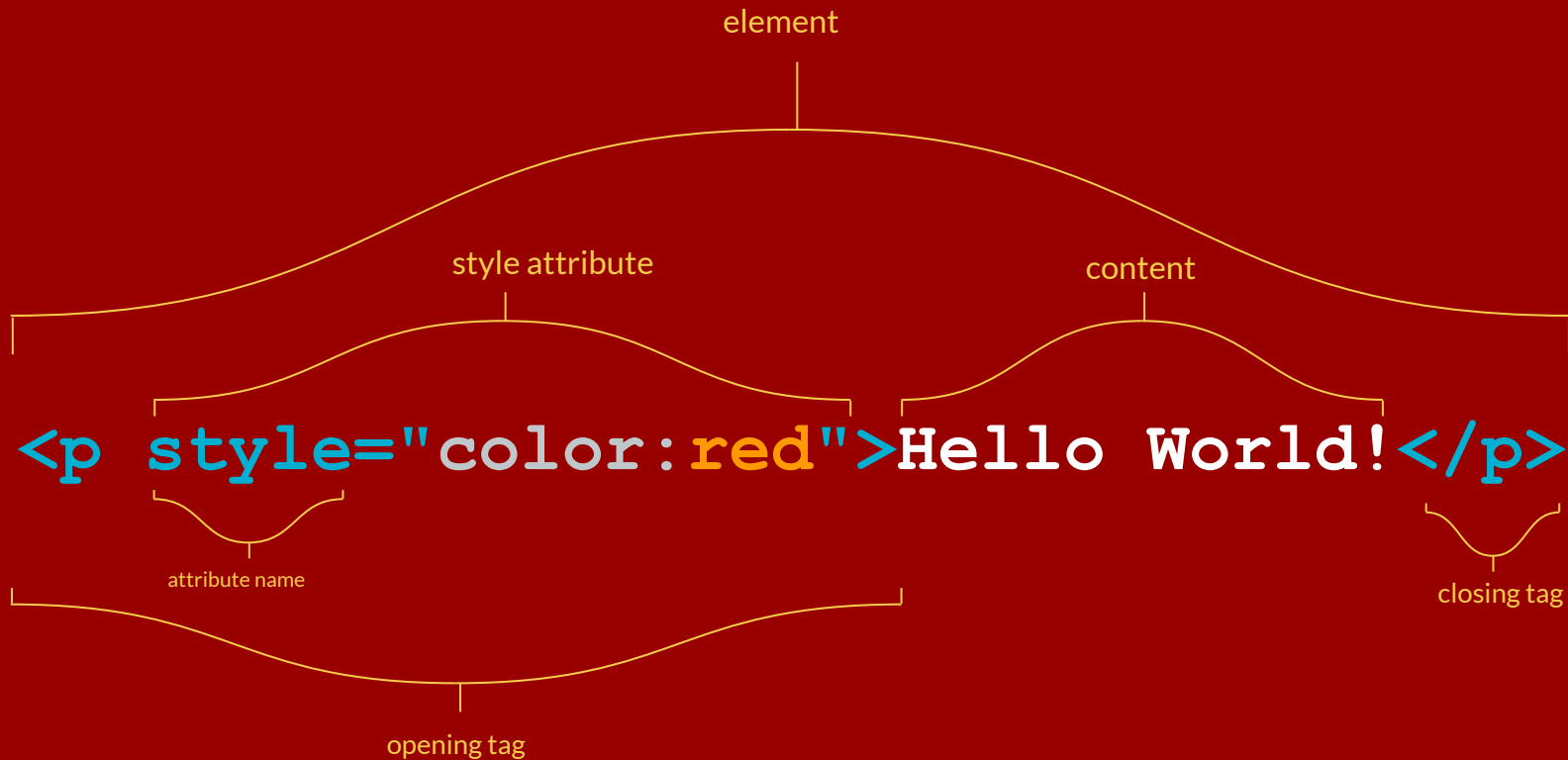
```
<p id="contact" style="color:red">
```

An HTML tag can have multiple attributes

Multiple attributes are separated by a space

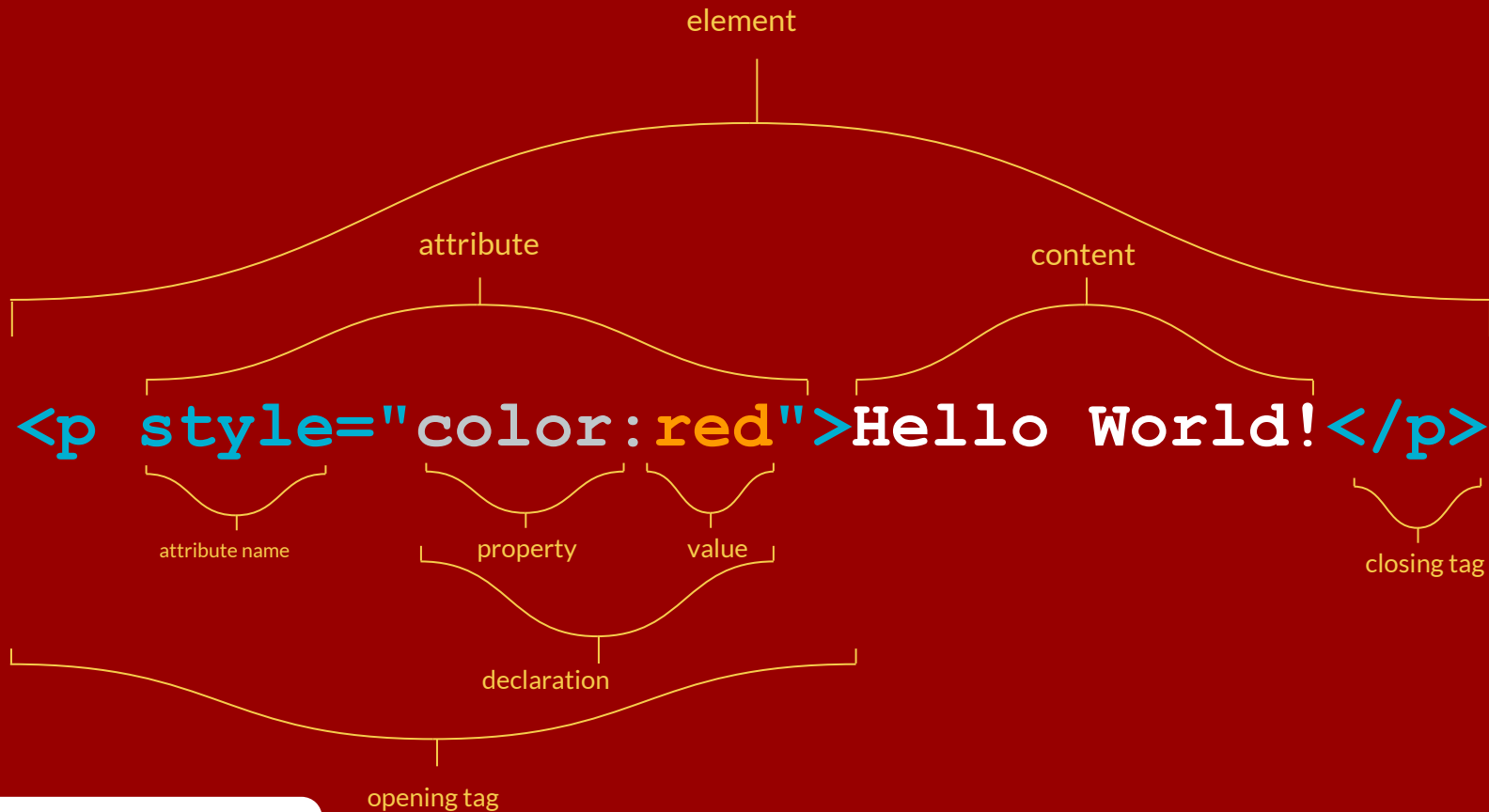
# Style Attribute





**Style attributes** style the content of the HTML element

Using style attributes is called in-line styling.  
*Note: In-line styling is not the ideal way to style HTML.*



Style attributes are followed by **declarations** that include a **property** and **value**

Use a colon to separate the property from the value

The diagram shows an HTML opening tag `<p style="color:red;font-size:20px">` followed by the text `Hello World!</p>`. Two yellow curved lines with vertical end-caps point to the individual declarations within the style attribute. The first line points to `color:red` and is labeled "declaration". The second line points to `font-size:20px` and is also labeled "declaration".

declaration

declaration

```
<p style="color:red;font-size:20px">
Hello World!</p>
```

Multiple declarations are separated by a semicolon  
Ex. `<p style="color:red;font-size:20px">`

Note that the quote marks go around all declarations.

# Review

# Simple HTML Element

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```
<p>Hello World!</p>
```

# More Complex HTML Element

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```
<p id="contact" style="color:red;font-size:20px">Hello World!</p>
```

