

## 1. Hex to RGB

#1fa346

$$\begin{aligned} 1 \cdot 16 + 15 &= 31 \\ (10) \cdot 16 + 3 &= 163 \\ 4 \cdot 16 + 6 &= 70 \end{aligned}$$

#a34cb6

$$\begin{aligned} (10) \cdot 16 + 3 &= 163 \\ 4 \cdot 16 + 12 &= 76 \\ (11) \cdot 16 + 6 &= 182 \end{aligned}$$

#37feb2

$$\begin{aligned} 3 \cdot 16 + 7 &= 55 \\ (15) \cdot 16 + (14) &= 254 \\ (11) \cdot 16 + 2 &= 178 \end{aligned}$$

#4571ab

$$\begin{aligned} 4 \cdot 16 + 5 &= 69 \\ 7 \cdot 16 + 1 &= 113 \\ (10) \cdot 16 + (11) &= 171 \end{aligned}$$

#715ab4

$$\begin{aligned} 7 \cdot 16 + 1 &= 113 \\ 5 \cdot 16 + (10) &= 90 \\ 11 \cdot 16 + 4 &= 180 \end{aligned}$$

## 2. RGB to Hex

rgb(213, 22, 2)

$$\begin{aligned} 213 &\rightarrow d5 \\ 22 &\rightarrow 16 \\ 2 &\rightarrow 02 \end{aligned}$$

d51602

rgb(112, 226, 52)

$$\begin{aligned} 112 &\rightarrow 70 \\ 226 &\rightarrow e2 \\ 52 &\rightarrow 34 \end{aligned}$$

70e234

rgb(12, 124, 41)

$$\begin{aligned} 12 &\rightarrow 0c \\ 124 &\rightarrow 7c \\ 41 &\rightarrow 29 \end{aligned}$$

0c7c29

rgb(223, 32, 113)

$$\begin{aligned} 223 &\rightarrow df \\ 32 &\rightarrow 20 \\ 113 &\rightarrow 71 \end{aligned}$$

df

rgba(112, 23, 124, .4)

$$\begin{aligned} 112 &\rightarrow 70 \\ 23 &\rightarrow 17 \\ 124 &\rightarrow 7c \\ .4 &\rightarrow 66 \end{aligned}$$

70177c66

PhotoGrid

## 5 Tags

<body>	<a>	<!-- .....-->	<!DOCTYPE html>	<h3>
</body>	</a>	comment	</html>	</h3>
body text	hyperlink		html version declaration	3rd style of header

## 5 Attributes

- href: link address for <a>
- src: image source for <img>
- alt: alternative text if image fails to load
- target: specifies where to open linked document
- style: specifies color, font, and size.

- 31, 163, 70  
163, 76, 182  
55, 254, 178  
69, 113, 171  
113, 90, 180

- D51602  
70e234  
0c7c29  
df2071  
70177c66