

Converting Colors

RGB(204, 96, 140)

Have a look what the booklet for
RGB(204, 96, 140) contains.

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Color

RGB(204, 96, 140)

Conversions

Conversions Part 1

Format	Color
Hex	CC608C
RGB	204, 96, 140
RGB Percent	80%, 38%, 55%
CMY	0.2000, 0.6235, 0.4510
CMYK	0.00, 0.53, 0.31, 0.20
HSL	336°, 51%, 59%
HSV	336°, 53%, 80%
XYZ	33.8183, 23.0966, 27.4866
YIQ	133.3080, 50.2440, 36.5800

Conversions

Conversions Part 2

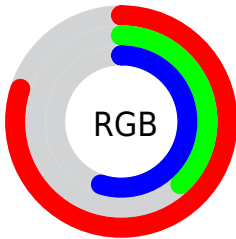
Format	Color
R_{YB}	204, 96, 140
Decimal	13394060
CIE _{Lab}	55.17, 47.53, -3.69
CIE _{LCh}	55, 47.672, 355.559
Yxy	23.0966, 0.4007, 0.2737
Android (android.graphics.Color)	4291584140 (0xFFCC608C)
YUV	133.3080, 3.2992, 61.9969
Hunter-Lab	48.0589, 41.5048, -0.2689

Details

The RGB color **204, 96, 140** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **96, 204, 160**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **255, 150, 193**, and **147, 42, 90** is the 20% darker color. If you saturate the color by 10%, you get **204, 76, 128**, and if you desaturate by 10%, it is **204, 116, 152**.

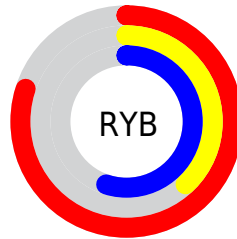
Distribution



Red (80%)

Green (38%)

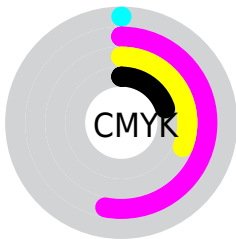
Blue (55%)



Red (80%)

Yellow (38%)

Blue (55%)

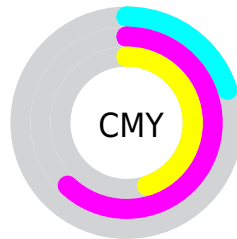


Cyan (0%)

Magenta (53%)

Yellow (31%)

Black (20%)



Cyan (20%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the RGB color 204, 96, 140 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 204, 96, 140 by changing the saturation by 10% instead.

 204, 96, 140

 204, 96, 140

255, 255, 255

 175, 70, 115


 255, 150, 193

 147, 42, 90

 255, 178, 221

 119, 8, 67

 255, 206, 250

 91, 0, 45

 255, 235, 255

 65, 0, 24


 40, 0, 1

 0, 0, 0

 204, 96, 140

 204, 96, 140

 204, 76, 128

 204, 116, 152

■ 204, 55, 116

■ 204, 137, 164

■ 204, 35, 104

■ 204, 157, 176

■ 204, 14, 92

■ 204, 178, 188

■ 204, 0, 83

■ 204, 198, 200

■ 204, 218, 213

■ 204, 239, 225

■ 204, 255, 237

■ 204, 255, 249

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



177, 107, 179



204, 96, 140



207, 99, 99

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 96, 140



120, 140, 53



0, 148, 199

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



204, 96, 140



96, 204, 160

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 152, 166



204, 96, 140



67, 148, 83

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



204, 96, 140



160, 128, 45



0, 152, 124



0, 138, 214

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204, 96, 140



198, 107, 75



0, 152, 124



0, 150, 190

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



204, 96, 140



255, 214, 231



159, 96, 204



128, 103, 113



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



204, 96, 140



255, 92, 158



204, 105, 96



102, 92, 96



166, 0, 68



38, 0, 16

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



204, 96, 140



255, 92, 158



96, 195, 204



102, 92, 96



166, 0, 68



38, 0, 16

Previews

White Background



This preview shows how the RGB color 204, 96, 140 looks on a white background.

Color Contrast Check

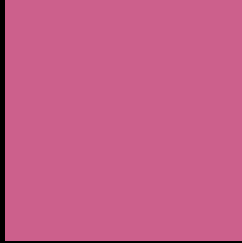
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 204, 96, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 204, 96, 140 Background



This preview shows how black text looks on a background with the RGB color 204, 96, 140.



This preview shows how white text looks on a background with the RGB color 204, 96, 140.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
204, 96, 140

Protanopia
126, 131, 162

Deuteranopia
144, 128, 135



Tritanopia
201, 102, 109

Trichromacy



Original Color
204, 96, 140

Protanomaly
154, 118, 154

Deuteranomaly
166, 116, 137

Tritanomaly
202, 100, 120

Monochromacy



Original Color
204, 96, 140

Achromatopsia
133, 133, 133

Achromatomaly
159, 120, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 96, 140 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(204, 96, 140)` looks like.

```
.text, #text, p{  
    color:rgb(204, 96, 140)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(204, 96, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 96, 140) }
```

Border

The CSS property to change the border of an element to RGB 204, 96, 140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 96, 140) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(204, 96, 140) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(204, 96, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 96, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 96, 140);  
box-shadow:4px 4px 4px 4px rgb(204, 96,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 204, 96, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 96, 140) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(204, 96,  
140) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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