

Converting Colors

RGB(204, 102, 144)

Have a look what the booklet for
RGB(204, 102, 144) contains.

RGB(204, 102, 144)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(204, 102, 144)

Conversions

Conversions Part 1

Format	Color
Hex	CC6690
RGB	204, 102, 144
RGB Percent	80%, 40%, 56%
CMY	0.2000, 0.6000, 0.4353
CMYK	0.00, 0.50, 0.29, 0.20
HSL	335°, 50%, 60%
HSV	335°, 50%, 80%
XYZ	34.6873, 24.3537, 29.2581
YIQ	137.2860, 47.3100, 34.6860

Conversions

Conversions Part 2

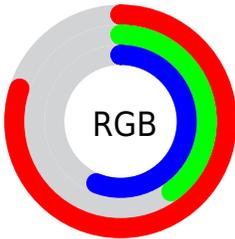
Format	Color
R _Y B	204, 102, 144
Decimal	13395600
CIE Lab	56.44, 45.07, -4.16
CIE LCh	56, 45.261, 354.722
Yxy	24.3537, 0.3928, 0.2758
Android (android.graphics.Color)	4291585680 (0xFFCC6690)
YUV	137.2860, 3.3100, 58.5082
Hunter-Lab	49.3495, 39.1042, -0.6069

Details

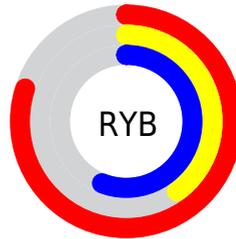
The RGB color **204, 102, 144** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **102, 204, 162**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **255, 156, 198**, and **147, 49, 94** is the 20% darker color. If you saturate the color by 10%, you get **204, 82, 132**, and if you desaturate by 10%, it is **204, 122, 156**.

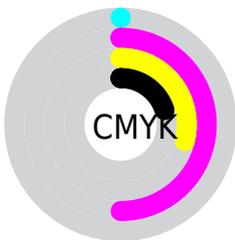
Distribution



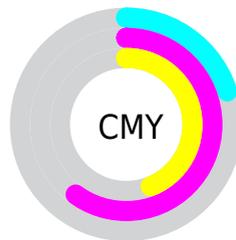
- Red (80%)
- Green (40%)
- Blue (56%)



- Red (80%)
- Yellow (40%)
- Blue (56%)



- Cyan (0%)
- Magenta (50%)
- Yellow (29%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 102, 144 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, 102, 144 by changing the saturation by 10% instead.

 204, 102, 144

255, 255, 255

 255, 156, 198

 255, 183, 226

 255, 212, 254

 255, 241, 255

 204, 102, 144

 204, 82, 132

 204, 102, 144

 175, 76, 118

 147, 49, 94

 119, 20, 70

 92, 0, 48

 66, 0, 27

 42, 0, 1

 0, 0, 0

 204, 102, 144

 204, 122, 156

 204, 61, 120

 204, 143, 168

 204, 41, 108

 204, 163, 180

 204, 20, 96

 204, 184, 192

 204, 0, 84

 204, 204, 204

 204, 224, 216

 204, 245, 228

 204, 255, 240

 204, 255, 252

Harmonies

Analogous

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



177, 112, 181



204, 102, 144



208, 104, 105

Triad

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



204, 102, 144



126, 143, 60



0, 151, 199

Complementary

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



204, 102, 144



102, 204, 162

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, 155, 167



204, 102, 144



77, 151, 88

Square

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



204, 102, 144



164, 131, 54



0, 155, 127



30, 142, 214

Rectangle

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



204, 102, 144



200, 111, 82



0, 155, 127



0, 153, 190

Sweetspot

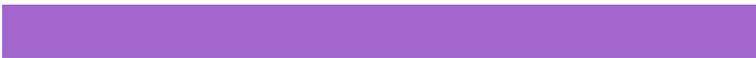
The Sweet Spot groups the original color and five complimentary colors.



204, 102, 144



255, 217, 233



162, 102, 204



128, 105, 114



0, 0, 0



128, 128, 128

Same Dimension

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



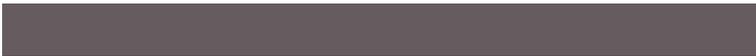
204, 102, 144



255, 102, 165



204, 111, 102



102, 92, 96



166, 0, 68



38, 0, 16

Inverse Universe

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



204, 102, 144



255, 102, 165



102, 196, 204



102, 92, 96



166, 0, 68



38, 0, 16

Previews

White Background



This preview shows how the RGB color 204, 102, 144 looks on a white background.

Color Contrast Check

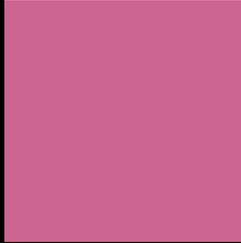
Large Text (above 18pt) WCAG AA ✓ Pass

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, 102, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

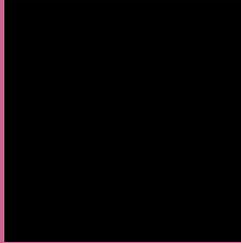
Any Text WCAG AA ✓ Pass

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, 102, 144 Background



This preview shows how black text looks on a background with the RGB color 204, 102, 144.



This preview shows how white text looks on a background with the RGB color 204, 102, 144.

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





Tritanopia
201, 108, 115

Trichromacy



Original Color

204, 102, 144

Protanomaly

156, 123, 157

Deuteranomaly

168, 121, 141

Tritanomaly

202, 106, 126

Monochromacy



Original Color

204, 102, 144

Achromatopsia

137, 137, 137

Achromatomaly

161, 124, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 102, 144 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, 102, 144) looks like.

```
.text, #text, p{  
    color:rgb(204, 102, 144)  
}
```

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, 102, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 102, 144) }
```

Border

The CSS property to change the border of an element to RGB 204, 102, 144 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, 102, 144) }
```

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

```
.border{ border-color:rgb(204, 102, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 102, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 102, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 102, 144);  
box-shadow:4px 4px 4px 4px rgb(204, 102,  
144) }
```

Background

The CSS property to change the background color of an element to RGB 204, 102, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 102, 144) }
```

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

```
.background{ background-color: rgb(204,  
102, 144) }
```

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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