

Converting Colors

RGB(204, 102, 143)

Have a look what the booklet for
RGB(204, 102, 143) contains.

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Color

RGB(204, 102, 143)

Conversions

Conversions Part 1

Format	Color
Hex	CC668F
RGB	204, 102, 143
RGB Percent	80%, 40%, 56%
CMY	0.2000, 0.6000, 0.4392
CMYK	0.00, 0.50, 0.30, 0.20
HSL	336°, 50%, 60%
HSV	336°, 50%, 80%
XYZ	34.6111, 24.3233, 28.8573
YIQ	137.1720, 47.6310, 34.3750

Conversions

Conversions Part 2

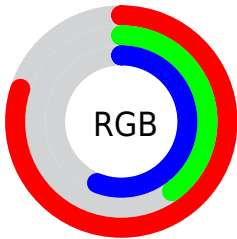
Format	Color
R_{YB}	204, 102, 143
Decimal	13395599
CIE _{Lab}	56.41, 44.94, -3.62
CIE _{LCh}	56, 45.084, 355.390
Yxy	24.3233, 0.3942, 0.2771
Android (android.graphics.Color)	4291585679 (0xFFCC668F)
YUV	137.1720, 2.8732, 58.6082
Hunter-Lab	49.3186, 38.9612, -0.1686

Details

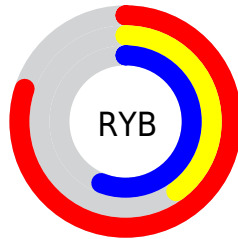
The RGB color **204, 102, 143** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **102, 204, 163**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **255, 156, 197**, and **147, 50, 93** is the 20% darker color. If you saturate the color by 10%, you get **204, 82, 131**, and if you desaturate by 10%, it is **204, 122, 155**.

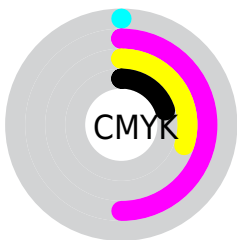
Distribution



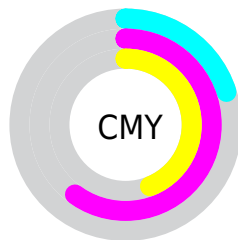
- Red (80%)
- Green (40%)
- Blue (56%)



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



- Cyan (0%)
- Magenta (50%)
- Yellow (30%)
- Black (20%)




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

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 102, 143 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, 143 by changing the saturation by 10% instead.

 204, 102, 143

255, 255, 255

 255, 156, 197

 255, 183, 225


 255, 212, 253

 255, 241, 255

 204, 102, 143

 175, 76, 117

 147, 50, 93

 119, 20, 69

 92, 0, 47

 66, 0, 26


 42, 0, 1

 0, 0, 0

 204, 102, 143

 204, 82, 131

 204, 102, 143

 204, 122, 155

204, 61, 119

204, 143, 167

204, 41, 106

204, 163, 180

204, 20, 94

204, 184, 192

204, 0, 82

204, 204, 204

204, 224, 216

204, 245, 228

204, 255, 241

204, 255, 253

Harmonies

Analogous

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



178, 112, 180



204, 102, 143



208, 104, 104

Triad

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



204, 102, 143



125, 143, 61



0, 150, 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, 143



102, 204, 163

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, 168



204, 102, 143



76, 151, 89

Square

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



204, 102, 143



163, 131, 54



0, 155, 128



36, 141, 213

Rectangle

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



204, 102, 143



199, 112, 81



0, 155, 128



0, 152, 190

Sweetspot

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



204, 102, 143



255, 217, 232



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, 143



255, 102, 164



204, 111, 102



102, 92, 96



166, 0, 67



38, 0, 15

Inverse Universe

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



204, 102, 143



255, 102, 164



102, 196, 204



102, 92, 96



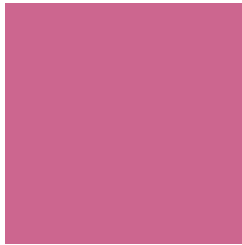
166, 0, 67



38, 0, 15

Previews

White Background



This preview shows how the RGB color 204, 102, 143 looks on a white background.

Color Contrast Check

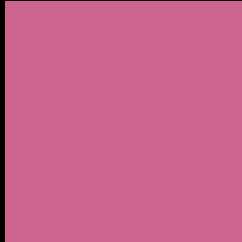
Large Text (above 18pt) WCAG AA ✓ Pass

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, 143 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, 143 Background



This preview shows how black text looks on a background with the RGB color 204, 102, 143.

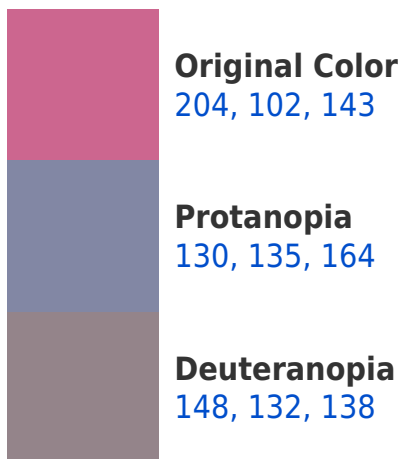


This preview shows how white text looks on a background with the RGB color 204, 102, 143.

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, 107, 115

Trichromacy



Original Color

204, 102, 143

Protanomaly

157, 123, 156

Deuteranomaly

168, 121, 140

Tritanomaly

202, 105, 125

Monochromacy



Original Color

204, 102, 143

Achromatopsia

137, 137, 137

Achromatomaly

161, 124, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 102, 143 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(204, 102, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 102, 143) }
```

Border

The CSS property to change the border of an element to RGB 204, 102, 143 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, 143) }
```

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

```
.border{ border-color:rgb(204, 102, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 102, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 102, 143);  
box-shadow:4px 4px 4px 4px rgb(204, 102,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 204, 102, 143 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, 143) }
```

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

```
.background{ background-color: rgb(204,  
102, 143) }
```

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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