

Converting Colors

RGB(204, 83, 155)

Have a look what the booklet for
RGB(204, 83, 155) contains.

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Color

RGB(204, 83, 155)

Conversions

Conversions Part 1

Format	Color
Hex	CC539B
RGB	204, 83, 155
RGB Percent	80%, 33%, 61%
CMY	0.2000, 0.6745, 0.3922
CMYK	0.00, 0.59, 0.24, 0.20
HSL	324°, 54%, 56%
HSV	324°, 59%, 80%
XYZ	33.9115, 21.3904, 33.3518
YIQ	127.3870, 49.0040, 48.0440

Conversions

Conversions Part 2

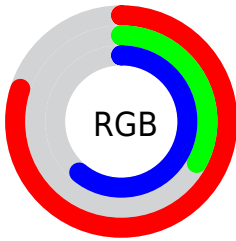
Format	Color
R_{YB}	204, 83, 155
Decimal	13390747
CIE _{Lab}	53.37, 55.60, -15.21
CIE _{LCh}	53, 57.643, 344.703
Yxy	21.3904, 0.3825, 0.2413
Android (android.graphics.Color)	4291580827 (0xFFCC539B)
YUV	127.3870, 13.6132, 67.1896
Hunter-Lab	46.2498, 49.9434, -10.3805

Details

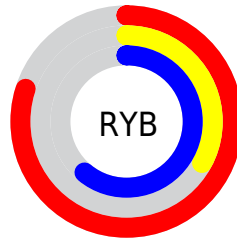
The RGB color **204, 83, 155** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **83, 204, 132**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **255, 138, 210**, and **146, 22, 104** is the 20% darker color. If you saturate the color by 10%, you get **204, 63, 147**, and if you desaturate by 10%, it is **204, 103, 163**.

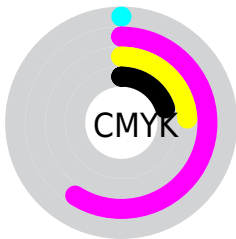
Distribution



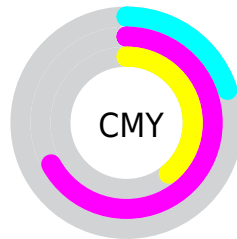
- Red (80%)
- Green (33%)
- Blue (61%)



- Red (80%)
- Yellow (33%)
- Blue (61%)



- Cyan (0%)
- Magenta (59%)
- Yellow (24%)
- Black (20%)



- Cyan (20%)
- Magenta (67%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 83, 155 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, 83, 155 by changing the saturation by 10% instead.

 204, 83, 155

 204, 83, 155

255, 255, 255

 175, 55, 129


 255, 138, 210

 146, 22, 104

 255, 166, 238

 118, 0, 80

 255, 194, 255

 91, 0, 57

 255, 223, 255

 65, 0, 35

 255, 253, 255


 39, 0, 10

 0, 0, 0

 204, 83, 155


 204, 83, 155

 204, 63, 147

 204, 103, 163

 204, 42, 138

 204, 124, 172

 204, 22, 130

 204, 144, 180

 204, 1, 122

 204, 165, 188

 204, 0, 121

 204, 185, 196

 204, 205, 205

 204, 226, 213

 204, 246, 221

 204, 255, 229

Harmonies

Analogous

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



161, 103, 199



204, 83, 155



217, 79, 105

Triad

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



204, 83, 155



129, 133, 12



0, 148, 196

Complementary

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



204, 83, 155



83, 204, 132

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, 151, 151



204, 83, 155



71, 143, 51

Square

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



204, 83, 155



173, 116, 20



0, 149, 100



0, 140, 223

Rectangle

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



204, 83, 155



211, 88, 74



0, 149, 100



0, 150, 183

Sweetspot

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



204, 83, 155



255, 209, 236



131, 83, 204



128, 99, 116



0, 0, 0



128, 128, 128

Same Dimension

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



204, 83, 155



255, 74, 182



204, 83, 95



102, 92, 98



166, 0, 99



38, 0, 23

Inverse Universe

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



204, 83, 155



255, 74, 182



83, 204, 192



102, 92, 98



166, 0, 99



38, 0, 23

Previews

White Background



This preview shows how the RGB color 204, 83, 155 looks on a white background.

Color Contrast Check

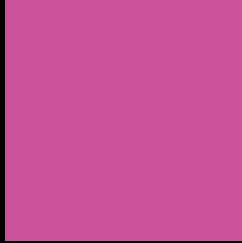
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83, 155 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, 83, 155 Background



This preview shows how black text looks on a background with the RGB color 204, 83, 155.

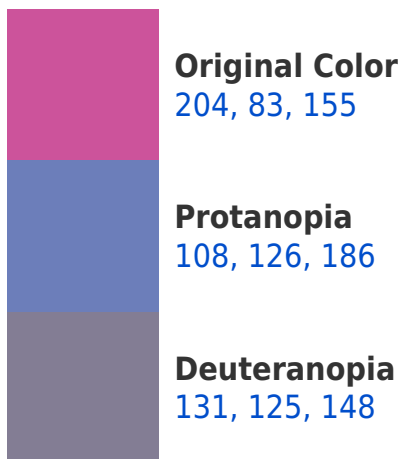


This preview shows how white text looks on a background with the RGB color 204, 83, 155.

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
199, 95, 102

Trichromacy



Original Color

204, 83, 155



Protanomaly

143, 110, 175



Deuteranomaly

158, 110, 151



Tritanomaly

201, 91, 121

Monochromacy



Original Color

204, 83, 155



Achromatopsia

127, 127, 127



Achromatomaly

155, 111, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 83, 155 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, 83, 155)` looks like.

```
.text, #text, p{  
    color:rgb(204, 83, 155)  
}
```

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, 83, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 83, 155) }
```

Border

The CSS property to change the border of an element to RGB 204, 83, 155 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, 83, 155) }
```

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

```
.border{ border-color:rgb(204, 83, 155) }
```

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

Here you see how a box with a 4 pixel rgb(204, 83, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 83, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 83, 155);  
box-shadow:4px 4px 4px 4px rgb(204, 83,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 204, 83, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 83, 155) }
```

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

```
.background{ background-color: rgb(204, 83,  
155) }
```

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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