

Converting Colors

RGB(204, 103, 238)

Have a look what the booklet for
RGB(204, 103, 238) contains.

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Color

RGB(204, 103, 238)

Conversions

Conversions Part 1

Format	Color
Hex	CC67EE
RGB	204, 103, 238
RGB Percent	80%, 40%, 93%
CMY	0.2000, 0.5961, 0.0667
CMYK	0.14, 0.57, 0.00, 0.07
HSL	285°, 80%, 67%
HSV	285°, 57%, 93%
XYZ	45.1847, 28.7109, 84.0492
YIQ	148.5890, 16.8610, 63.3970

Conversions

Conversions Part 2

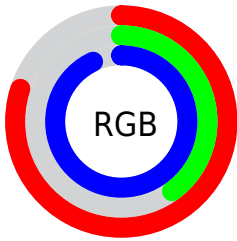
Format	Color
RYB	204, 103, 238
Decimal	13395950
CIELab	60.53, 60.38, -51.52
CIElCh	61, 79.375, 319.524
Yxy	28.7109, 0.2861, 0.1818
Android (android.graphics.Color)	4291586030 (0xFFCC67EE)
YUV	148.5890, 44.0796, 48.5954
Hunter-Lab	53.5826, 56.7547, -55.4940

Details

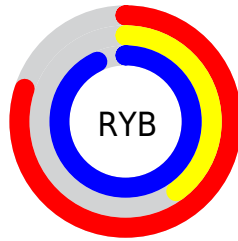
The RGB color **204, 103, 238** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **137, 238, 103**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **255, 158, 255**, and **147, 47, 181** is the 20% darker color. If you saturate the color by 10%, you get **198, 79, 238**, and if you desaturate by 10%, it is **210, 127, 238**.

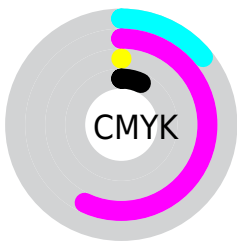
Distribution



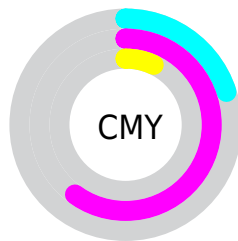
- Red (80%)
- Green (40%)
- Blue (93%)



- Red (80%)
- Yellow (40%)
- Blue (93%)



- Cyan (14%)
- Magenta (57%)
- Yellow (0%)
- Black (7%)




- Cyan (20%)
- Magenta (60%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 103, 238 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, 103, 238 by changing the saturation by 10% instead.

 204, 103, 238

 204, 103, 238

255, 255, 255

 175, 76, 209

 255, 158, 255

 147, 47, 181

 255, 186, 255

 119, 10, 154

 255, 215, 255

 91, 0, 127

 255, 244, 255


 64, 0, 102

 39, 0, 77


 0, 0, 53


 0, 2, 31


 0, 0, 2

 204, 103, 238

 204, 103, 238


 198, 79, 238

 210, 127, 238


 192, 55, 238

 216, 151, 238

 186, 32, 238

 222, 174, 238

 180, 8, 238

 228, 198, 238

 178, 0, 238

 234, 222, 238

 240, 246, 238

 246, 255, 238

 252, 255, 238

 255, 255, 238

Harmonies

Analogous

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



77, 138, 255



204, 103, 238



255, 67, 174

Triad

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



204, 103, 238



196, 134, 0



0, 177, 191

Complementary

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



204, 103, 238



137, 238, 103

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, 175, 118



204, 103, 238



133, 156, 0

Square

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



204, 103, 238



244, 102, 36



17, 169, 43



0, 173, 252

Rectangle

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



204, 103, 238



255, 61, 127



17, 169, 43



0, 177, 167

Sweetspot

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



204, 103, 238



244, 212, 255



103, 139, 238



121, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 103, 238



211, 82, 255



238, 103, 206



117, 108, 120



137, 0, 184



42, 0, 56

Inverse Universe

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



238, 103, 137



255, 82, 125



103, 238, 134



120, 108, 111



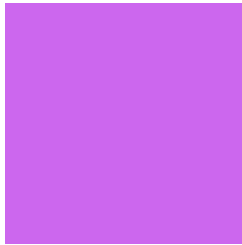
184, 0, 46



56, 0, 14

Previews

White Background



This preview shows how the RGB color 204, 103, 238 looks on a white background.

Color Contrast Check

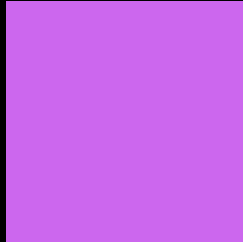
Large Text (above 18pt) WCAG AA ✓ Pass

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, 103, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

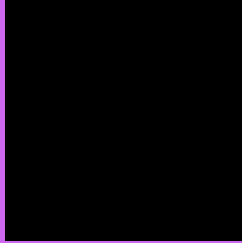
Any Text WCAG AA ✓ Pass

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, 103, 238 Background



This preview shows how black text looks on a background with the RGB color 204, 103, 238.

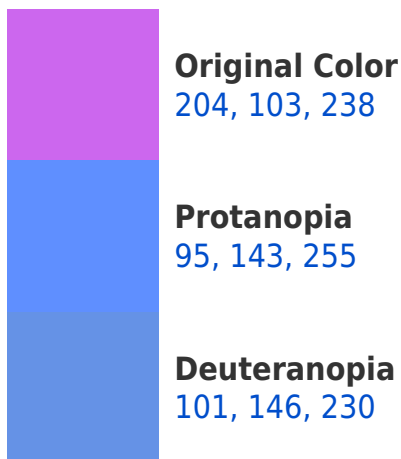



This preview shows how white text looks on a background with the RGB color 204, 103, 238.

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
190, 129, 139

Trichromacy



Original Color

204, 103, 238



Protanomaly

135, 128, 249



Deuteranomaly

138, 130, 233



Tritanomaly

195, 120, 175

Monochromacy



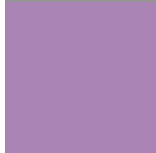
Original Color

204, 103, 238



Achromatopsia

149, 149, 149



Achromatomaly

169, 132, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 103, 238 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, 103, 238)` looks like.

```
.text, #text, p{  
    color:rgb(204, 103, 238)  
}
```

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, 103, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 103, 238) }
```

Border

The CSS property to change the border of an element to RGB 204, 103, 238 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, 103, 238) }
```

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

```
.border{ border-color:rgb(204, 103, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 103, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 103, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 103, 238);  
box-shadow:4px 4px 4px 4px rgb(204, 103,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 204, 103, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 103, 238) }
```

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

```
.background{ background-color: rgb(204,  
103, 238) }
```

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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