

Converting Colors

RGB(188, 81, 204)

Have a look what the booklet for
RGB(188, 81, 204) contains.

RGB(188, 81, 204)	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(188, 81, 204)

Conversions

Conversions Part 1

Format	Color
Hex	BC51CC
RGB	188, 81, 204
RGB Percent	74%, 32%, 80%
CMY	0.2627, 0.6824, 0.2000
CMYK	0.08, 0.60, 0.00, 0.20
HSL	292°, 55%, 56%
HSV	292°, 60%, 80%
XYZ	34.5806, 20.9359, 59.3452
YIQ	127.0150, 24.2890, 60.9370

Conversions

Conversions Part 2

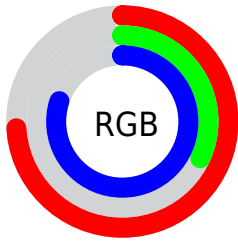
Format	Color
RYB	188, 81, 204
Decimal	12341708
CIELab	52.88, 60.05, -44.61
CIELCh	53, 74.810, 323.391
Yxy	20.9359, 0.3011, 0.1823
Android (android.graphics.Color)	4290531788 (0xFFBC51CC)
YUV	127.0150, 37.9536, 53.4838
Hunter-Lab	45.7557, 54.8315, -44.8701

Details

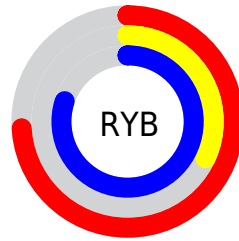
The RGB color **188, 81, 204** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **97, 204, 81**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **247, 136, 255**, and **131, 18, 149** is the 20% darker color. If you saturate the color by 10%, you get **185, 61, 204**, and if you desaturate by 10%, it is **191, 101, 204**.

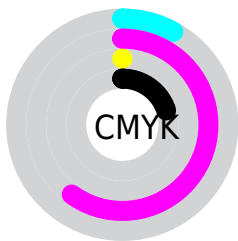
Distribution



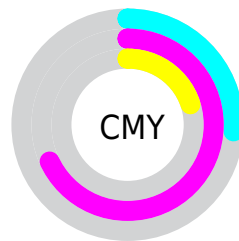
- Red (74%)
- Green (32%)
- Blue (80%)



- Red (74%)
- Yellow (32%)
- Blue (80%)



- Cyan (8%)
- Magenta (60%)
- Yellow (0%)
- Black (20%)





- Cyan (26%)
- Magenta (68%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 81, 204 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 188, 81, 204 by changing the saturation by 10% instead.


 188, 81, 204

 188, 81, 204

255, 255, 255

 159, 53, 176

 247, 136, 255

 131, 18, 149

 255, 164, 255

 104, 0, 123

 255, 192, 255

 77, 0, 97

 255, 221, 255


 51, 0, 73

 255, 251, 255


 23, 0, 50


 0, 1, 27

 0, 0, 0

 188, 81, 204


 188, 81, 204


 185, 61, 204

 191, 101, 204

 183, 40, 204


 193, 122, 204

 180, 20, 204

 196, 142, 204

 177, 0, 204

 199, 163, 204

 201, 183, 204

 204, 203, 204

 207, 224, 204

 209, 244, 204

 212, 255, 204

Harmonies

Analogous

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



85, 116, 246



188, 81, 204



231, 46, 143

Triad

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



188, 81, 204



165, 119, 0



0, 154, 176

Complementary

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



188, 81, 204



97, 204, 81

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, 153, 109



188, 81, 204



104, 138, 0

Square

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



188, 81, 204



210, 89, 11



0, 148, 40



0, 150, 229

Rectangle

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



188, 81, 204



238, 45, 101



0, 148, 40



0, 154, 154

Sweetspot

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



188, 81, 204



249, 209, 255



81, 97, 204



124, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



188, 81, 204



231, 71, 255



204, 81, 159



101, 92, 102



144, 0, 166



33, 0, 38

Inverse Universe

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



204, 81, 97



255, 71, 95



81, 204, 126



102, 92, 93



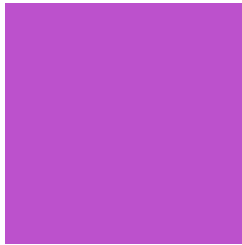
166, 0, 22



38, 0, 5

Previews

White Background



This preview shows how the RGB color 188, 81, 204 looks on a white background.

Color Contrast Check

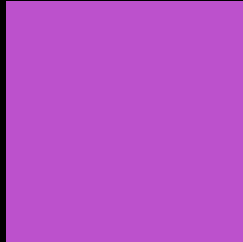
Large Text (above 18pt) WCAG AA ✓ Pass

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 188, 81, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

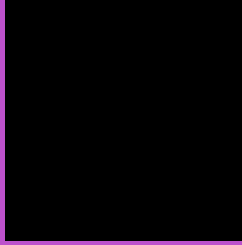
Any Text WCAG AA ✓ Pass

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 188, 81, 204 Background



This preview shows how black text looks on a background with the RGB color 188, 81, 204.

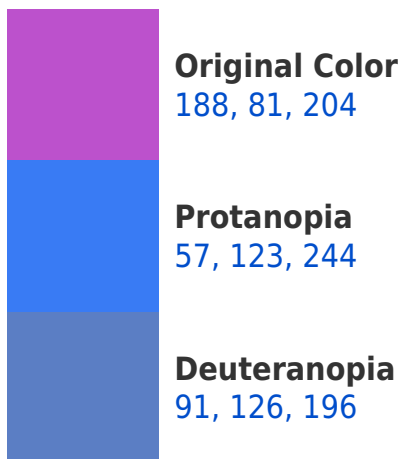



This preview shows how white text looks on a background with the RGB color 188, 81, 204.

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
176, 106, 114

Trichromacy



Original Color

188, 81, 204



Protanomaly

105, 108, 229



Deuteranomaly

126, 110, 199



Tritanomaly

180, 97, 147

Monochromacy



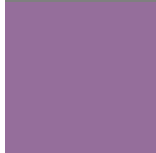
Original Color

188, 81, 204



Achromatopsia

127, 127, 127



Achromatomaly

149, 110, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 81, 204 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(188, 81, 204)` looks like.

```
.text, #text, p{  
    color:rgb(188, 81, 204)  
}
```

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(188, 81, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 81, 204) }
```

Border

The CSS property to change the border of an element to RGB 188, 81, 204 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(188, 81, 204) }
```

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

```
.border{ border-color:rgb(188, 81, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 81, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 81, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 81, 204);  
box-shadow:4px 4px 4px 4px rgb(188, 81,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 188, 81, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 81, 204) }
```

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

```
.background{ background-color: rgb(188, 81,  
204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor