

Converting Colors

RGB(189, 141, 216)

Have a look what the booklet for
RGB(189, 141, 216) contains.

RGB(189, 141, 216)	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(189, 141, 216)

Conversions

Conversions Part 1

Format	Color
Hex	BD8DD8
RGB	189, 141, 216
RGB Percent	74%, 55%, 85%
CMY	0.2588, 0.4471, 0.1529
CMYK	0.12, 0.35, 0.00, 0.15
HSL	278°, 49%, 70%
HSV	278°, 35%, 85%
XYZ	42.9058, 34.8264, 69.4265
YIQ	163.9020, 4.5330, 33.5010

Conversions

Conversions Part 2

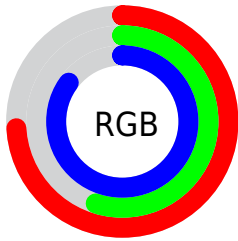
Format	Color
RYB	189, 141, 216
Decimal	12422616
CIELab	65.61, 31.77, -31.43
CIELCh	66, 44.692, 315.314
Yxy	34.8264, 0.2916, 0.2367
Android (android.graphics.Color)	4290612696 (0xFFBD8DD8)
YUV	163.9020, 25.6843, 22.0109
Hunter-Lab	59.0139, 26.5032, -28.4416

Details

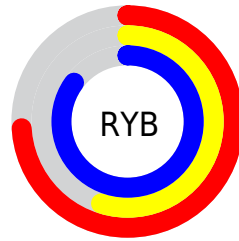
The RGB color **189, 141, 216** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **168, 216, 141**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **246, 195, 255**, and **135, 90, 161** is the 20% darker color. If you saturate the color by 10%, you get **181, 119, 216**, and if you desaturate by 10%, it is **197, 163, 216**.

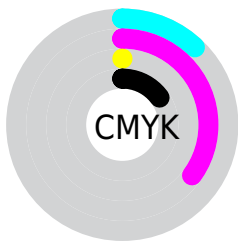
Distribution



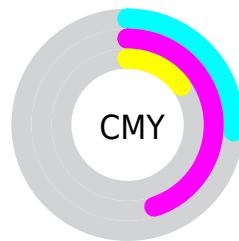
- Red (74%)
- Green (55%)
- Blue (85%)



- Red (74%)
- Yellow (55%)
- Blue (85%)



- Cyan (12%)
- Magenta (35%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RGB color 189, 141, 216 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 189, 141, 216 by changing the saturation by 10% instead.

 189, 141, 216

 189, 141, 216


255, 255, 255

 161, 115, 188

 246, 195, 255


 135, 90, 161


 255, 223, 255

 108, 66, 134

 255, 252, 255

 83, 42, 109

 58, 19, 84

 35, 0, 61


 3, 0, 38

 0, 1, 15


 0, 0, 0

 189, 141, 216


 189, 141, 216

 181, 119, 216

 197, 163, 216

 173, 98, 216


 205, 184, 216

 166, 76, 216


 212, 206, 216

 158, 55, 216

 220, 227, 216

 150, 33, 216

 228, 249, 216

 142, 11, 216

 236, 255, 216

 138, 0, 216

 243, 255, 216

 251, 255, 216

 255, 255, 216

Harmonies

Analogous

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



131, 156, 237



189, 141, 216



224, 129, 181

Triad

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



189, 141, 216



201, 150, 81



0, 180, 179

Complementary

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



189, 141, 216



168, 216, 141

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.



57, 179, 138



189, 141, 216



164, 164, 80

Square

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



189, 141, 216



226, 136, 104



119, 173, 101



0, 177, 215

Rectangle

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



189, 141, 216



234, 126, 154



119, 173, 101



0, 180, 165

Sweetspot

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



189, 141, 216



246, 230, 255



141, 169, 216



122, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 141, 216



216, 148, 255



216, 141, 206



103, 96, 107



109, 0, 171



28, 0, 43

Inverse Universe

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



216, 141, 168



255, 148, 186



141, 216, 151



107, 96, 100



171, 0, 62



43, 0, 16

Previews

White Background



This preview shows how the RGB color 189, 141, 216 looks on a white background.

Color Contrast Check

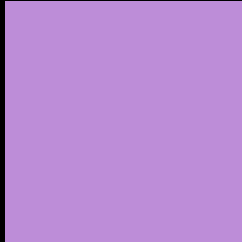
Large Text (above 18pt) WCAG AA × Fail

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 189, 141, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

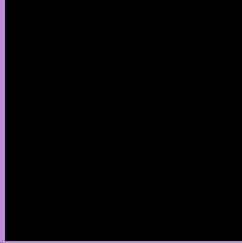
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 189, 141, 216 Background



This preview shows how black text looks on a background with the RGB color 189, 141, 216.

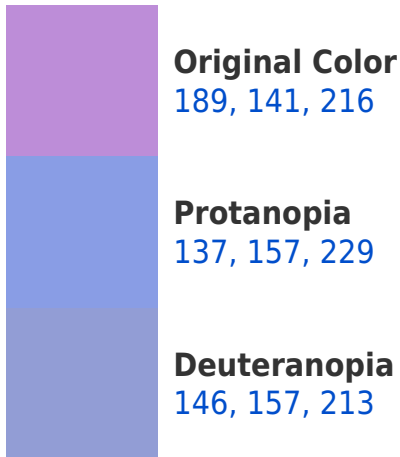



This preview shows how white text looks on a background with the RGB color 189, 141, 216.

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

181, 152, 163

Trichromacy



Original Color
189, 141, 216

Protanomaly
156, 151, 224

Deuteranomaly
162, 151, 214

Tritanomaly
184, 148, 182

Monochromacy



Original Color
189, 141, 216

Achromatopsia
164, 164, 164

Achromatomaly
173, 156, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 141, 216 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(189, 141, 216)` looks like.

```
.text, #text, p{  
    color:rgb(189, 141, 216)  
}
```

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(189, 141, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 141, 216) }
```

Border

The CSS property to change the border of an element to RGB 189, 141, 216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

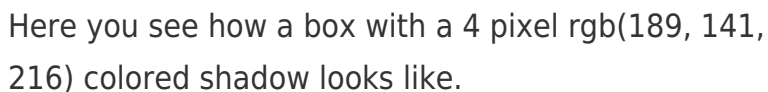
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 141, 216) }
```

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

```
.border{ border-color:rgb(189, 141, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 141, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 141, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 141, 216); box-shadow:4px 4px 4px 4px rgb(189, 141, 216) }
```

Background

The CSS property to change the background color of an element to RGB 189, 141, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 141, 216) }
```

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

```
.background{ background-color: rgb(189,  
141, 216) }
```

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