

Converting Colors

RGB(185, 129, 209)

Have a look what the booklet for
RGB(185, 129, 209) contains.

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Color

RGB(185, 129, 209)

Conversions

Conversions Part 1

Format	Color
Hex	B981D1
RGB	185, 129, 209
RGB Percent	73%, 51%, 82%
CMY	0.2745, 0.4941, 0.1804
CMYK	0.11, 0.38, 0.00, 0.18
HSL	282°, 47%, 66%
HSV	282°, 38%, 82%
XYZ	39.3665, 30.6183, 64.1567
YIQ	154.8640, 7.6960, 36.7520

Conversions

Conversions Part 2

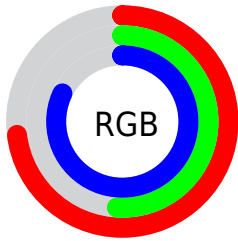
Format	Color
RYB	185, 129, 209
Decimal	12157393
CIELab	62.18, 35.71, -32.87
CIElCh	62, 48.532, 317.367
Yxy	30.6183, 0.2935, 0.2283
Android (android.graphics.Color)	4290347473 (0xFFB981D1)
YUV	154.8640, 26.6890, 26.4293
Hunter-Lab	55.3338, 30.1574, -30.0101

Details

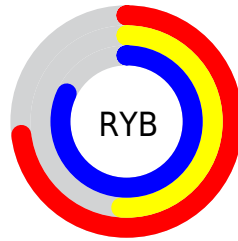
The RGB color **185, 129, 209** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **153, 209, 129**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **242, 183, 255**, and **131, 78, 154** is the 20% darker color. If you saturate the color by 10%, you get **179, 108, 209**, and if you desaturate by 10%, it is **191, 150, 209**.

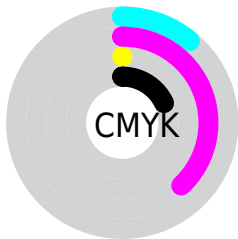
Distribution



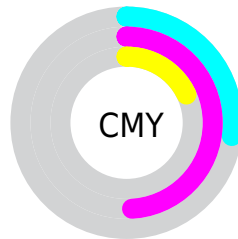
- Red (73%)
- Green (51%)
- Blue (82%)



- Red (73%)
- Yellow (51%)
- Blue (82%)



- Cyan (11%)
- Magenta (38%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (49%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the RGB color 185, 129, 209 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 185, 129, 209 by changing the saturation by 10% instead.

 185, 129, 209


255, 255, 255


 242, 183, 255


 255, 211, 255

 255, 239, 255

 185, 129, 209

 157, 103, 181

 131, 78, 154

 104, 54, 128

 79, 30, 103

 54, 4, 78

 33, 0, 55

 0, 0, 33

 0, 0, 5

 0, 0, 0

185, 129, 209

185, 129, 209

179, 108, 209

191, 150, 209

172, 87, 209

198, 171, 209

166, 66, 209

204, 192, 209

160, 45, 209

210, 213, 209

154, 24, 209

216, 234, 209

147, 4, 209

223, 254, 209

146, 0, 209

229, 255, 209

235, 255, 209

241, 255, 209

Harmonies

Analogous

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



122, 146, 232



185, 129, 209



221, 116, 170

Triad

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



185, 129, 209



191, 142, 64



0, 172, 175

Complementary

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



185, 129, 209



153, 209, 129

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, 171, 130



185, 129, 209



151, 156, 64

Square

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



185, 129, 209



219, 126, 89



101, 166, 90



0, 169, 213

Rectangle

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



185, 129, 209



230, 113, 141



101, 166, 90



0, 172, 160

Sweetspot

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



185, 129, 209



247, 227, 255



129, 153, 209



123, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



185, 129, 209



220, 138, 255



209, 129, 193



101, 94, 105



118, 0, 168



29, 0, 41

Inverse Universe

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



209, 129, 153



255, 138, 173



129, 209, 145



105, 94, 97



168, 0, 50



41, 0, 12

Previews

White Background



This preview shows how the RGB color 185, 129, 209 looks on a white background.

Color Contrast Check

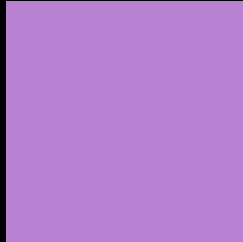
Large Text (above 18pt) WCAG AA × Fail

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 185, 129, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

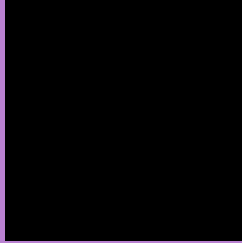
Any Text WCAG AA ✓ Pass

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 185, 129, 209 Background



This preview shows how black text looks on a background with the RGB color 185, 129, 209.

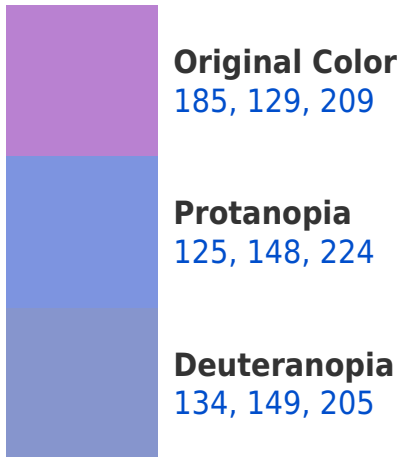



This preview shows how white text looks on a background with the RGB color 185, 129, 209.

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, 141, 152

Trichromacy



Original Color

185, 129, 209



Protanomaly

147, 141, 219



Deuteranomaly

153, 142, 206



Tritanomaly

179, 137, 173

Monochromacy



Original Color

185, 129, 209



Achromatopsia

155, 155, 155



Achromatomaly

166, 146, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 129, 209 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(185, 129, 209)` looks like.

```
.text, #text, p{  
    color:rgb(185, 129, 209)  
}
```

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(185, 129, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 129, 209) }
```

Border

The CSS property to change the border of an element to RGB 185, 129, 209 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(185, 129, 209) }
```

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

```
.border{ border-color:rgb(185, 129, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 129, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 129, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 129, 209); box-shadow:4px 4px 4px 4px rgb(185, 129, 209) }
```

Background

The CSS property to change the background color of an element to RGB 185, 129, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 129, 209) }
```

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

```
.background{ background-color: rgb(185,  
129, 209) }
```

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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