

Converting Colors

RGB(181, 135, 217)

Have a look what the booklet for
RGB(181, 135, 217) contains.

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Color

RGB(181, 135, 217)

Conversions

Conversions Part 1

Format	Color
Hex	B587D9
RGB	181, 135, 217
RGB Percent	71%, 53%, 85%
CMY	0.2902, 0.4706, 0.1490
CMYK	0.17, 0.38, 0.00, 0.15
HSL	274°, 52%, 69%
HSV	274°, 38%, 85%
XYZ	40.2444, 32.1615, 69.7323
YIQ	158.1020, 1.0940, 35.2540

Conversions

Conversions Part 2

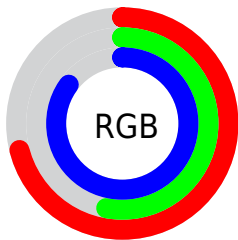
Format	Color
RYB	181, 135, 217
Decimal	11896793
CIELab	63.48, 32.89, -35.37
CIELCh	63, 48.294, 312.920
Yxy	32.1615, 0.2831, 0.2263
Android (android.graphics.Color)	4290086873 (0xFFB587D9)
YUV	158.1020, 29.0367, 20.0815
Hunter-Lab	56.7111, 27.4263, -33.2056

Details

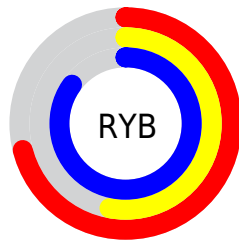
The RGB color **181, 135, 217** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **171, 217, 135**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **238, 189, 255**, and **127, 84, 162** is the 20% darker color. If you saturate the color by 10%, you get **171, 113, 217**, and if you desaturate by 10%, it is **191, 157, 217**.

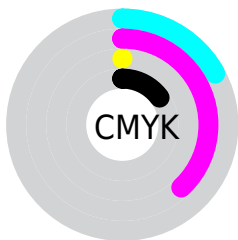
Distribution



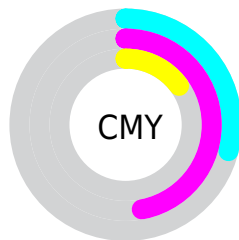
- Red (71%)
- Green (53%)
- Blue (85%)



- Red (71%)
- Yellow (53%)
- Blue (85%)



- Cyan (17%)
- Magenta (38%)
- Yellow (0%)
- Black (15%)




- Cyan (29%)
- Magenta (47%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 135, 217 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 181, 135, 217 by changing the saturation by 10% instead.


 181, 135, 217


255, 255, 255

 238, 189, 255


 255, 217, 255

 255, 246, 255


 181, 135, 217

 154, 109, 189

 127, 84, 162

 101, 60, 135

 75, 37, 110


 50, 14, 85


 27, 0, 61


 0, 0, 39


 0, 1, 16

 0, 0, 0


 181, 135, 217

 181, 135, 217

 171, 113, 217


 191, 157, 217

 162, 92, 217


 200, 178, 217

 152, 70, 217

 210, 200, 217

 143, 48, 217

 219, 222, 217

 133, 26, 217

 229, 244, 217

 124, 5, 217

 238, 255, 217

 122, 0, 217

 248, 255, 217

 255, 255, 217

Harmonies

Analogous

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



114, 152, 237



181, 135, 217



220, 121, 180

Triad

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



181, 135, 217



199, 143, 70



0, 176, 172

Complementary

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



181, 135, 217



171, 217, 135

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.



40, 174, 127



181, 135, 217



161, 157, 66

Square

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



181, 135, 217



226, 127, 97



113, 168, 88



0, 173, 211

Rectangle

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



181, 135, 217



233, 117, 151



113, 168, 88



0, 175, 157

Sweetspot

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



181, 135, 217



243, 227, 255



135, 172, 217



120, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 135, 217



205, 140, 255



217, 135, 213



105, 99, 110



97, 0, 173



26, 0, 46

Inverse Universe

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



217, 135, 171



255, 140, 191



135, 217, 139



110, 99, 103



173, 0, 76



46, 0, 20

Previews

White Background



This preview shows how the RGB color 181, 135, 217 looks on a white background.

Color Contrast Check

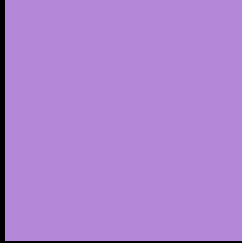
Large Text (above 18pt) WCAG AA × Fail

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 181, 135, 217 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 181, 135, 217 Background



This preview shows how black text looks on a background with the RGB color 181, 135, 217.

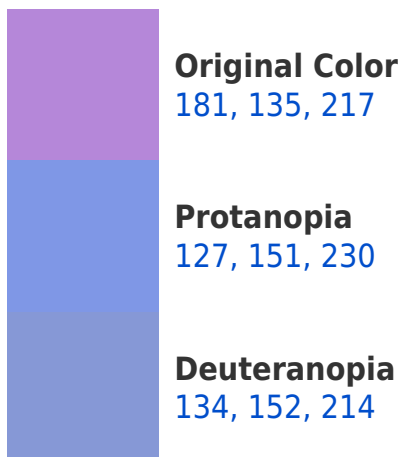


This preview shows how white text looks on a background with the RGB color 181, 135, 217.

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
172, 147, 159

Trichromacy



Original Color
181, 135, 217

Protanomaly
147, 145, 225

Deuteranomaly
151, 146, 215

Tritanomaly
175, 143, 180

Monochromacy



Original Color
181, 135, 217

Achromatopsia
158, 158, 158

Achromatomaly
166, 150, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 135, 217 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(181, 135, 217)` looks like.

```
.text, #text, p{  
    color:rgb(181, 135, 217)  
}
```

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(181, 135, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 135, 217) }
```

Border

The CSS property to change the border of an element to RGB 181, 135, 217 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(181, 135, 217) }
```

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

```
.border{ border-color:rgb(181, 135, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 135, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 135, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 135, 217);  
box-shadow:4px 4px 4px 4px rgb(181, 135,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 181, 135, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 135, 217) }
```

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

```
.background{ background-color: rgb(181,  
135, 217) }
```

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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