

Converting Colors

RGB(183, 135, 226)

Have a look what the booklet for
RGB(183, 135, 226) contains.

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Color

RGB(183, 135, 226)

Conversions

Conversions Part 1

Format	Color
Hex	B787E2
RGB	183, 135, 226
RGB Percent	72%, 53%, 89%
CMY	0.2824, 0.4706, 0.1137
CMYK	0.19, 0.40, 0.00, 0.11
HSL	272°, 61%, 71%
HSV	272°, 40%, 89%
XYZ	41.9199, 32.8862, 76.0898
YIQ	159.7260, -0.6030, 38.4770

Conversions

Conversions Part 2

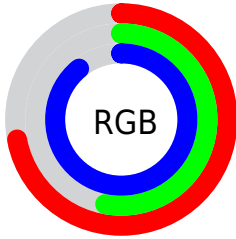
Format	Color
RYB	183, 135, 226
Decimal	12027874
CIELab	64.07, 35.47, -39.43
CIELCh	64, 53.039, 311.974
Yxy	32.8862, 0.2778, 0.2179
Android (android.graphics.Color)	4290217954 (0xFFB787E2)
YUV	159.7260, 32.6731, 20.4113
Hunter-Lab	57.3465, 30.1258, -38.5259

Details

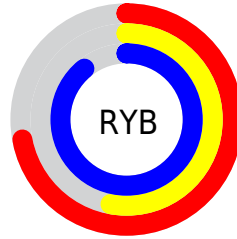
The RGB color **183, 135, 226** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **178, 226, 135**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **240, 189, 255**, and **128, 84, 170** is the 20% darker color. If you saturate the color by 10%, you get **172, 112, 226**, and if you desaturate by 10%, it is **194, 158, 226**.

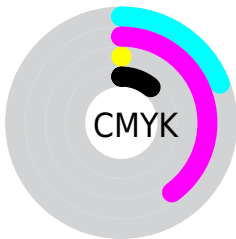
Distribution



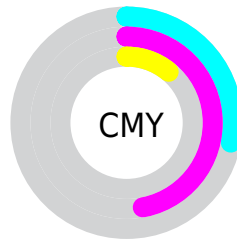
- Red (72%)
- Green (53%)
- Blue (89%)



- Red (72%)
- Yellow (53%)
- Blue (89%)



- Cyan (19%)
- Magenta (40%)
- Yellow (0%)
- Black (11%)



- Cyan (28%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 183, 135, 226 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 183, 135, 226 by changing the saturation by 10% instead.

 183, 135, 226

 183, 135, 226

255, 255, 255

 155, 109, 198

 240, 189, 255


 128, 84, 170

 255, 217, 255

 102, 60, 143

 255, 246, 255

 76, 36, 117

 50, 12, 92

 26, 0, 68

 0, 0, 45

 0, 1, 23

 0, 0, 0


 183, 135, 226


 183, 135, 226

 172, 112, 226

 194, 158, 226

 162, 90, 226


 204, 180, 226

 151, 67, 226

 215, 203, 226

 140, 45, 226

 226, 225, 226

 130, 22, 226

 236, 248, 226

 119, 0, 226

 247, 255, 226

 255, 255, 226

Harmonies

Analogous

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



105, 154, 248



183, 135, 226



227, 118, 186

Triad

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



183, 135, 226



205, 142, 63



0, 179, 173

Complementary

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



183, 135, 226



178, 226, 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.



10, 177, 124



183, 135, 226



164, 159, 57

Square

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



183, 135, 226



234, 125, 94



112, 170, 82



0, 176, 217

Rectangle

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



183, 135, 226



241, 113, 154



112, 170, 82



0, 179, 157

Sweetspot

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



183, 135, 226



241, 224, 255



135, 179, 226



119, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



183, 135, 226



197, 133, 255



226, 135, 224



107, 101, 112



93, 0, 176



26, 0, 48

Inverse Universe

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



226, 135, 178



255, 133, 190



135, 226, 137



112, 101, 106



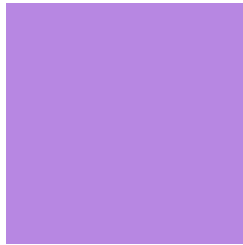
176, 0, 83



48, 0, 23

Previews

White Background



This preview shows how the RGB color 183, 135, 226 looks on a white background.

Color Contrast Check

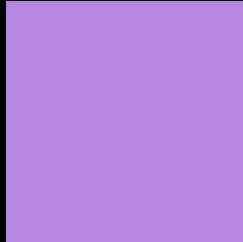
Large Text (above 18pt) WCAG AA × Fail

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 183, 135, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

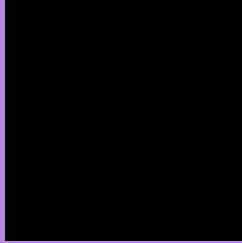
Any Text WCAG AA ✓ Pass

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 183, 135, 226 Background



This preview shows how black text looks on a background with the RGB color 183, 135, 226.

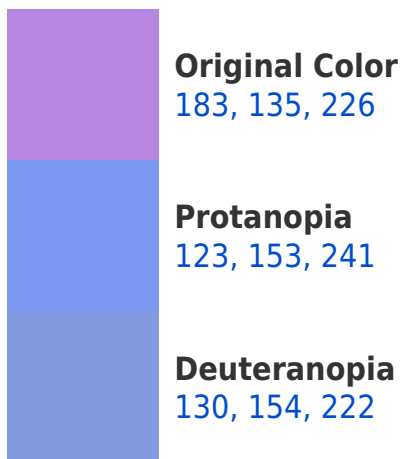


This preview shows how white text looks on a background with the RGB color 183, 135, 226.

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, 149, 161

Trichromacy



Original Color

183, 135, 226



Protanomaly

145, 146, 236



Deuteranomaly

149, 147, 223



Tritanomaly

176, 144, 185

Monochromacy



Original Color

183, 135, 226



Achromatopsia

160, 160, 160



Achromatomaly

168, 151, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 135, 226 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(183, 135, 226)` looks like.

```
.text, #text, p{  
    color:rgb(183, 135, 226)  
}
```

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(183, 135, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 135, 226) }
```

Border

The CSS property to change the border of an element to RGB 183, 135, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

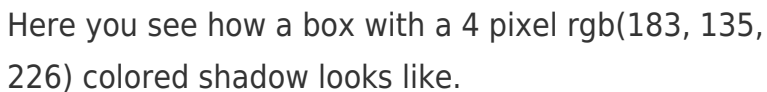
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 135, 226) }
```

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

```
.border{ border-color:rgb(183, 135, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 135, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 135, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 135, 226);  
box-shadow:4px 4px 4px 4px rgb(183, 135,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 183, 135, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 135, 226) }
```

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

```
.background{ background-color: rgb(183,  
135, 226) }
```

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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