

Converting Colors

RGB(183, 135, 201)

Have a look what the booklet for
RGB(183, 135, 201) contains.

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Color

RGB(183, 135, 201)

Conversions

Conversions Part 1

Format	Color
Hex	B787C9
RGB	183, 135, 201
RGB Percent	72%, 53%, 79%
CMY	0.2824, 0.4706, 0.2118
CMYK	0.09, 0.33, 0.00, 0.21
HSL	284°, 38%, 66%
HSV	284°, 33%, 79%
XYZ	38.7350, 31.6123, 59.3186
YIQ	156.8760, 7.4220, 30.7020

Conversions

Conversions Part 2

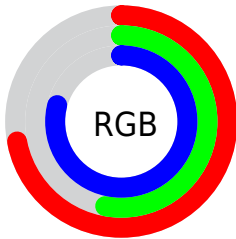
Format	Color
RYB	183, 135, 201
Decimal	12027849
CIELab	63.02, 30.09, -27.10
CIELCh	63, 40.499, 317.994
Yxy	31.6123, 0.2987, 0.2438
Android (android.graphics.Color)	4290217929 (0xFFB787C9)
YUV	156.8760, 21.7531, 22.9107
Hunter-Lab	56.2248, 24.5809, -23.1951

Details

The RGB color **183, 135, 201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **153, 201, 135**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **240, 189, 255**, and **129, 84, 147** is the 20% darker color. If you saturate the color by 10%, you get **178, 115, 201**, and if you desaturate by 10%, it is **188, 155, 201**.

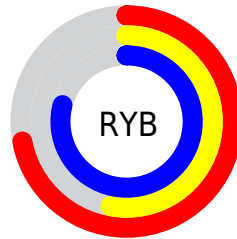
Distribution



Red (72%)

Green (53%)

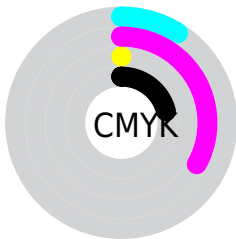
Blue (79%)



Red (72%)

Yellow (53%)

Blue (79%)

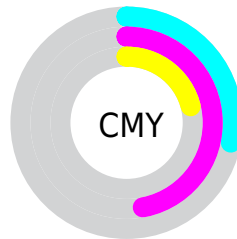


Cyan (9%)

Magenta (33%)

Yellow (0%)

Black (21%)



Cyan (28%)

Magenta (47%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 183, 135, 201 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, 201 by changing the saturation by 10% instead.

 183, 135, 201

 183, 135, 201

255, 255, 255

 156, 109, 174

 240, 189, 255

 129, 84, 147

 255, 217, 255

 103, 60, 121

 255, 245, 255


 78, 37, 96

 54, 14, 72

 33, 0, 49


 0, 1, 27

 0, 0, 0

 183, 135, 201

 183, 135, 201

 178, 115, 201


 188, 155, 201

 172, 95, 201


 194, 175, 201

 167, 75, 201


 199, 195, 201

 161, 55, 201

 205, 215, 201


 156, 35, 201

 210, 236, 201

 150, 14, 201

 216, 255, 201

 146, 0, 201

 221, 255, 201

 227, 255, 201

 232, 255, 201

Harmonies

Analogous

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



134, 149, 221



183, 135, 201



213, 125, 169

Triad

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



183, 135, 201



188, 145, 81



0, 171, 174

Complementary

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



183, 135, 201



153, 201, 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.



59, 170, 136



183, 135, 201



154, 157, 82

Square

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



183, 135, 201



212, 133, 100



112, 166, 103



0, 168, 205

Rectangle

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



183, 135, 201



221, 123, 144



112, 166, 103



0, 171, 161

Sweetspot

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



183, 135, 201



248, 230, 255



135, 154, 201



123, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



183, 135, 201



228, 156, 255



201, 135, 187



97, 90, 99



119, 0, 163



26, 0, 36

Inverse Universe

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



201, 135, 153



255, 156, 183



135, 201, 149



99, 90, 92



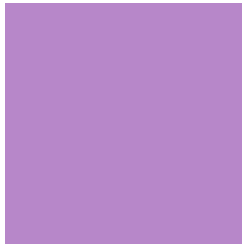
163, 0, 45



36, 0, 10

Previews

White Background



This preview shows how the RGB color 183, 135, 201 looks on a white background.

Color Contrast Check

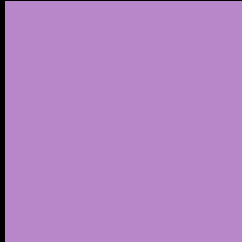
Large Text (above 18pt) WCAG AA × Fail

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, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

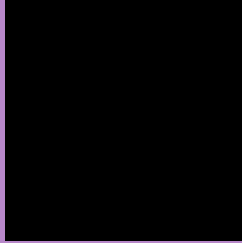
Any Text WCAG AA ✓ Pass

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, 201 Background



This preview shows how black text looks on a background with the RGB color 183, 135, 201.

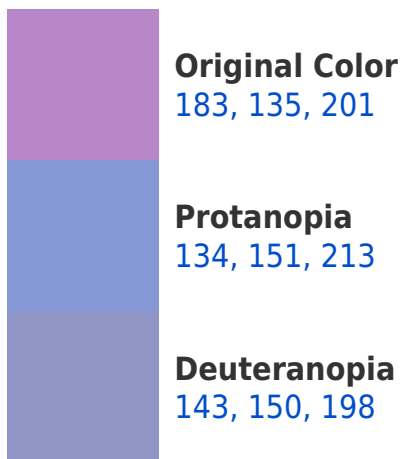


This preview shows how white text looks on a background with the RGB color 183, 135, 201.

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, 144, 155

Trichromacy



Original Color

183, 135, 201



Protanomaly

152, 145, 209



Deuteranomaly

158, 145, 199



Tritanomaly

179, 141, 172

Monochromacy



Original Color

183, 135, 201



Achromatopsia

157, 157, 157



Achromatomaly

166, 149, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 135, 201 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(183, 135, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 135, 201) }
```

Border

The CSS property to change the border of an element to RGB 183, 135, 201 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, 201) }
```

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

```
.border{ border-color:rgb(183, 135, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 135, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 135, 201);  
box-shadow:4px 4px 4px 4px rgb(183, 135,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 183, 135, 201 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, 201) }
```

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

```
.background{ background-color: rgb(183,  
135, 201) }
```

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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