

# Converting Colors

RGB(184, 81, 135)

Have a look what the booklet for  
RGB(184, 81, 135) contains.

<b>RGB(184, 81, 135)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**RGB(184, 81, 135)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B85187
RGB	184, 81, 135
RGB Percent	72%, 32%, 53%
CMY	0.2784, 0.6824, 0.4706
CMYK	0.00, 0.56, 0.27, 0.28
HSL	329°, 42%, 52%
HSV	329°, 56%, 72%
XYZ	27.0828, 17.8245, 24.9347
YIQ	117.9530, 44.0540, 38.6300

# Conversions

## Conversions Part 2

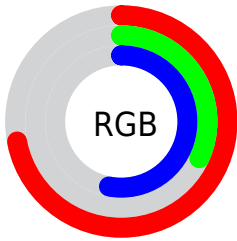
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 81, 135
Decimal	12079495
CIELab	49.28, 47.63, -9.81
CIELCh	49, 48.628, 348.367
Yxy	17.8245, 0.3878, 0.2552
Android (android.graphics.Color)	4290269575 (0xFFB85187)
YUV	117.9530, 8.4042, 57.9232
Hunter-Lab	42.2190, 40.6213, -5.4636

# Details

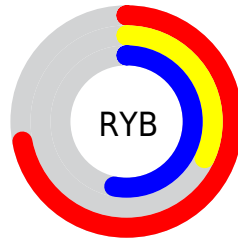
The RGB color **184, 81, 135** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **81, 184, 130**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **242, 134, 188**, and **128, 25, 85** is the 20% darker color. If you saturate the color by 10%, you get **184, 63, 126**, and if you desaturate by 10%, it is **184, 99, 144**.

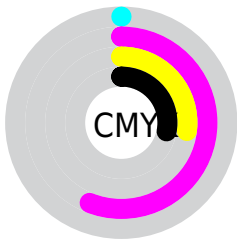
# Distribution



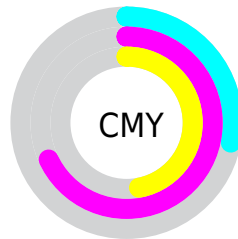
- Red (72%)
- Green (32%)
- Blue (53%)



- Red (72%)
- Yellow (32%)
- Blue (53%)



- Cyan (0%)
- Magenta (56%)
- Yellow (27%)
- Black (28%)



- Cyan (28%)
- Magenta (68%)
- Yellow (47%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 184, 81, 135 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 184, 81, 135 by changing the saturation by 10% instead.



 184, 81, 135

255, 255, 255

 242, 134, 188

 255, 162, 216

 255, 190, 244


 255, 218, 255

 255, 247, 255


 184, 81, 135

 156, 54, 110

 128, 25, 85

 101, 0, 62

 74, 0, 40

 51, 0, 20

 4, 0, 0

 0, 0, 0

 184, 81, 135

 184, 63, 126

 184, 81, 135

 184, 99, 144

184, 44, 117

184, 118, 153

184, 26, 109

184, 136, 161

184, 7, 100

184, 155, 170

184, 0, 96

184, 173, 179

184, 191, 188

184, 210, 196

184, 228, 205

184, 247, 214

# Harmonies

## Analogous

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



151, 95, 172



184, 81, 135



192, 80, 94

# Triad

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



184, 81, 135



115, 123, 31



0, 134, 178

# Complementary

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



184, 81, 135



81, 184, 130

# 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, 137, 142



184, 81, 135



65, 132, 59

# Square

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



184, 81, 135



152, 109, 31



0, 136, 99



0, 126, 198

# Rectangle

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



184, 81, 135



186, 88, 68



0, 136, 99



0, 136, 167



# Sweetspot

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



184, 81, 135



240, 199, 220



129, 81, 184



120, 96, 108



247, 247, 247



120, 120, 120



# Same Dimension

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



184, 81, 135



240, 79, 163



184, 81, 84



92, 83, 87



156, 0, 82



28, 0, 15



# Inverse Universe

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



184, 81, 135



240, 79, 163



81, 184, 181



92, 83, 87



156, 0, 82



28, 0, 15



# Previews

## White Background



This preview shows how the RGB color 184, 81, 135 looks on a white 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 × Fail

# Black Background



This preview shows how the RGB color 184, 81, 135 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 × Fail

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



## RGB 184, 81, 135 Background



This preview shows how black text looks on a background with the RGB color 184, 81, 135.

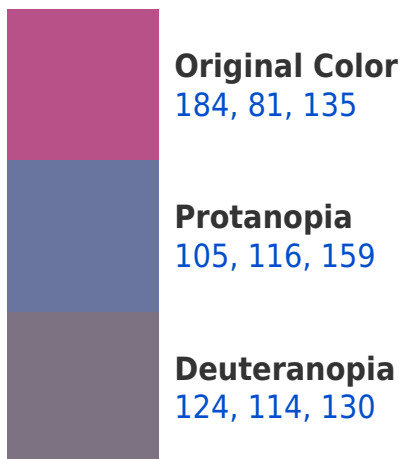


This preview shows how white text looks on a background with the RGB color 184, 81, 135.

# 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**  
180, 89, 96

# Trichromacy



**Original Color**  
184, 81, 135

**Protanomaly**  
134, 103, 150

**Deuteranomaly**  
146, 102, 132

**Tritanomaly**  
181, 86, 110

# Monochromacy



**Original Color**  
184, 81, 135

**Achromatopsia**  
118, 118, 118

**Achromatomaly**  
142, 105, 124

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 184, 81, 135 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(184, 81, 135)` looks like.

```
.text, #text, p{  
    color:rgb(184, 81, 135)  
}
```

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(184, 81, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 81, 135) }
```

## Border

The CSS property to change the border of an element to RGB 184, 81, 135 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(184, 81, 135) }
```

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

```
.border{ border-color:rgb(184, 81, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 81, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 81, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 81, 135);  
box-shadow:4px 4px 4px 4px rgb(184, 81,  
135) }
```

# Background

The CSS property to change the background color of an element to RGB 184, 81, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 81, 135) }
```

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

```
.background{ background-color: rgb(184, 81,  
135) }
```

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