

Converting Colors

RGB(185, 117, 237)

Have a look what the booklet for
RGB(185, 117, 237) contains.

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Color

RGB(185, 117, 237)

Conversions

Conversions Part 1

Format	Color
Hex	B975ED
RGB	185, 117, 237
RGB Percent	73%, 46%, 93%
CMY	0.2745, 0.5412, 0.0706
CMYK	0.22, 0.51, 0.00, 0.07
HSL	274°, 77%, 69%
HSV	274°, 51%, 93%
XYZ	41.6549, 29.1513, 83.5521
YIQ	151.0120, 2.0080, 51.7360

Conversions

Conversions Part 2

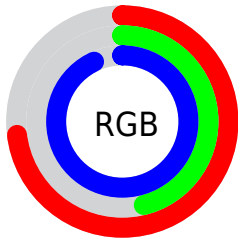
Format	Color
RYB	185, 117, 237
Decimal	12154349
CIELab	60.91, 48.26, -50.49
CIELCh	61, 69.847, 313.707
Yxy	29.1513, 0.2699, 0.1889
Android (android.graphics.Color)	4290344429 (0xFFB975ED)
YUV	151.0120, 42.3921, 29.8075
Hunter-Lab	53.9919, 43.2274, -53.9564

Details

The RGB color **185, 117, 237** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **169, 237, 117**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **243, 171, 255**, and **129, 66, 180** is the 20% darker color. If you saturate the color by 10%, you get **175, 93, 237**, and if you desaturate by 10%, it is **195, 141, 237**.

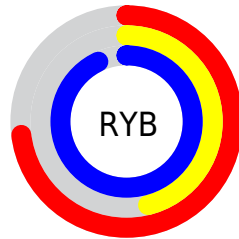
Distribution



Red (73%)

Green (46%)

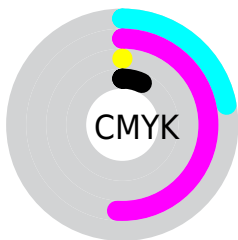
Blue (93%)



Red (73%)

Yellow (46%)

Blue (93%)

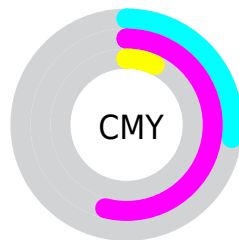


Cyan (22%)

Magenta (51%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (54%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 185, 117, 237 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, 117, 237 by changing the saturation by 10% instead.

 185, 117, 237

255, 255, 255

 243, 171, 255

 255, 199, 255

 255, 227, 255

 185, 117, 237

 157, 91, 208

 129, 66, 180


 102, 40, 153

 74, 10, 127

 47, 0, 101


 22, 0, 77

 0, 0, 53

 0, 2, 30


 0, 0, 1

 185, 117, 237

 185, 117, 237


 175, 93, 237


 195, 141, 237

 164, 70, 237

 206, 164, 237

 154, 46, 237

 216, 188, 237

 144, 22, 237

 226, 212, 237

 134, 0, 237

 236, 235, 237

 247, 255, 237

 255, 255, 237

Harmonies

Analogous

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



59, 145, 255



185, 117, 237



240, 89, 183

Triad

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



185, 117, 237



203, 132, 0



0, 175, 174

Complementary

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



185, 117, 237



169, 237, 117

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, 173, 110



185, 117, 237



150, 153, 0

Square

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



185, 117, 237



242, 104, 63



77, 166, 48



0, 173, 231

Rectangle

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



185, 117, 237



255, 81, 142



77, 166, 48



0, 175, 153

Sweetspot

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



185, 117, 237



238, 217, 255



117, 169, 237



118, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



185, 117, 237



188, 99, 255



237, 117, 229



112, 106, 117



103, 0, 181



30, 0, 54

Inverse Universe

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



237, 117, 169



255, 99, 167



117, 237, 125



117, 106, 111



181, 0, 78



54, 0, 23

Previews

White Background



This preview shows how the RGB color 185, 117, 237 looks on a white background.

Color Contrast Check

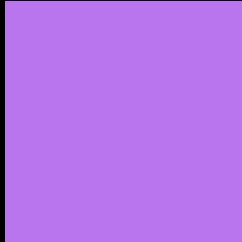
Large Text (above 18pt) WCAG AA ✓ Pass

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, 117, 237 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 185, 117, 237 Background



This preview shows how black text looks on a background with the RGB color 185, 117, 237.

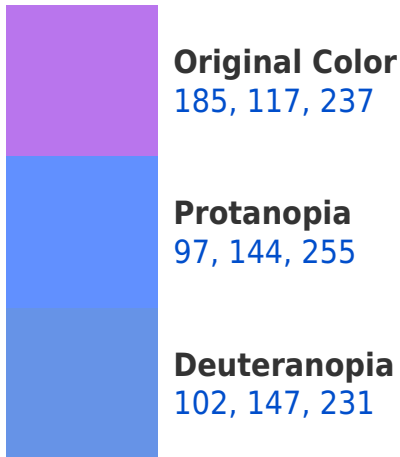


This preview shows how white text looks on a background with the RGB color 185, 117, 237.

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
170, 138, 149

Trichromacy



Original Color

185, 117, 237



Protanomaly

129, 134, 248



Deuteranomaly

132, 136, 233



Tritanomaly

175, 130, 181

Monochromacy



Original Color

185, 117, 237



Achromatopsia

151, 151, 151



Achromatomaly

163, 139, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 117, 237 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, 117, 237)` looks like.

```
.text, #text, p{  
    color:rgb(185, 117, 237)  
}
```

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, 117, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 117, 237) }
```

Border

The CSS property to change the border of an element to RGB 185, 117, 237 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, 117, 237) }
```

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

```
.border{ border-color:rgb(185, 117, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 117, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 117, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 117, 237);  
box-shadow:4px 4px 4px 4px rgb(185, 117,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 185, 117, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 117, 237) }
```

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

```
.background{ background-color: rgb(185,  
117, 237) }
```

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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