

Converting Colors

RGB(186, 99, 237)

Have a look what the booklet for
RGB(186, 99, 237) contains.

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Color

RGB(186, 99, 237)

Conversions

Conversions Part 1

Format	Color
Hex	BA63ED
RGB	186, 99, 237
RGB Percent	73%, 39%, 93%
CMY	0.2706, 0.6118, 0.0706
CMYK	0.22, 0.58, 0.00, 0.07
HSL	278°, 79%, 66%
HSV	278°, 58%, 93%
XYZ	39.9976, 25.4772, 82.9303
YIQ	140.7450, 7.5540, 61.3620

Conversions

Conversions Part 2

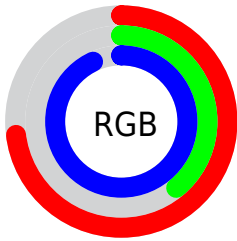
Format	Color
RYB	186, 99, 237
Decimal	12215277
CIELab	57.54, 57.72, -55.86
CIELCh	58, 80.320, 315.936
Yxy	25.4772, 0.2695, 0.1717
Android (android.graphics.Color)	4290405357 (0xFFBA63ED)
YUV	140.7450, 47.4537, 39.6886
Hunter-Lab	50.4750, 53.1167, -62.0809

Details

The RGB color **186, 99, 237** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **150, 237, 99**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **245, 153, 255**, and **129, 45, 180** is the 20% darker color. If you saturate the color by 10%, you get **177, 75, 237**, and if you desaturate by 10%, it is **195, 123, 237**.

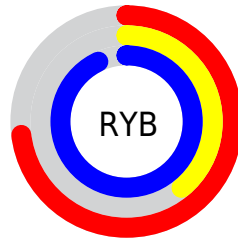
Distribution



Red (73%)

Green (39%)

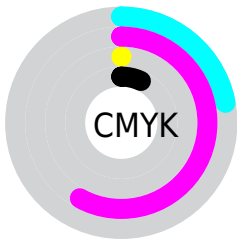
Blue (93%)



Red (73%)

Yellow (39%)

Blue (93%)

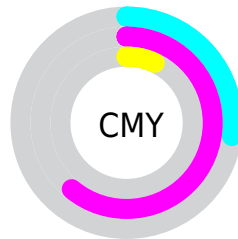


Cyan (22%)

Magenta (58%)

Yellow (0%)

Black (7%)



Cyan (27%)

















Magenta (61%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 99, 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 186, 99, 237 by changing the saturation by 10% instead.


 186, 99, 237	 186, 99, 237
 255, 255, 255	 157, 72, 208
 245, 153, 255	 129, 45, 180
 255, 181, 255	 101, 10, 153
 255, 210, 255	 73, 0, 126
 255, 239, 255	 44, 0, 101
	 15, 0, 76
	 0, 1, 52
	 0, 2, 30
	 0, 0, 0


 186, 99, 237


 186, 99, 237


 177, 75, 237

 195, 123, 237


 168, 52, 237

 204, 146, 237

 160, 28, 237

 212, 170, 237

 151, 4, 237

 221, 194, 237

 149, 0, 237

 230, 217, 237

 239, 241, 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.



0, 134, 255



186, 99, 237



245, 58, 174

Triad

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



186, 99, 237



194, 123, 0



0, 169, 175

Complementary

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



186, 99, 237



150, 237, 99

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, 167, 101



186, 99, 237



132, 147, 0

Square

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



186, 99, 237



239, 88, 36



31, 160, 19



0, 166, 239

Rectangle

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



186, 99, 237



255, 46, 127



31, 160, 19



0, 168, 151

Sweetspot

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



186, 99, 237



239, 212, 255



99, 152, 237



118, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 99, 237



189, 77, 255



237, 99, 221



113, 106, 117



114, 0, 181



34, 0, 54

Inverse Universe

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



237, 99, 150



255, 77, 142



99, 237, 115



117, 106, 110



181, 0, 67



54, 0, 20

Previews

White Background



This preview shows how the RGB color 186, 99, 237 looks on a white background.

Color Contrast Check

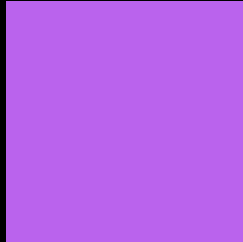
Large Text (above 18pt) WCAG AA ✓ Pass

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 186, 99, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

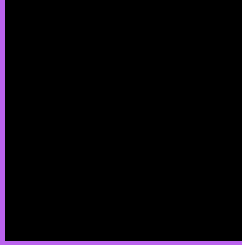
Any Text WCAG AA ✓ Pass

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 186, 99, 237 Background



This preview shows how black text looks on a background with the RGB color 186, 99, 237.

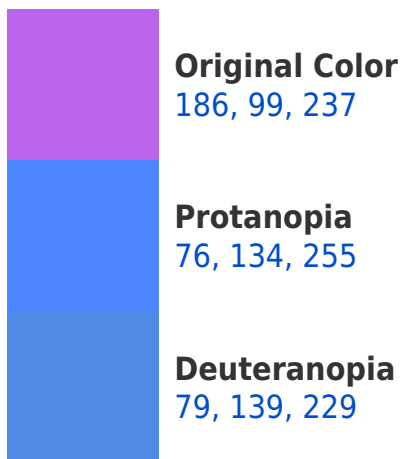


This preview shows how white text looks on a background with the RGB color 186, 99, 237.

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, 126, 136

Trichromacy



Original Color
186, 99, 237



Protanomaly
116, 121, 248



Deuteranomaly
118, 124, 232



Tritanomaly
176, 116, 173

Monochromacy



Original Color
186, 99, 237



Achromatopsia
141, 141, 141



Achromatomaly
157, 126, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 99, 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(186, 99, 237)` looks like.

```
.text, #text, p{  
    color:rgb(186, 99, 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(186, 99, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 99, 237) }
```

Border

The CSS property to change the border of an element to RGB 186, 99, 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(186, 99, 237) }
```

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

```
.border{ border-color:rgb(186, 99, 237) }
```

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

Here you see how a box with a 4 pixel rgb(186, 99, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 99, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 99, 237);  
box-shadow:4px 4px 4px 4px rgb(186, 99,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 186, 99, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 99, 237) }
```

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

```
.background{ background-color: rgb(186, 99,  
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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