

Converting Colors

RGB(186, 85, 229)

Have a look what the booklet for
RGB(186, 85, 229) contains.

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Color

RGB(186, 85, 229)

Conversions

Conversions Part 1

Format	Color
Hex	BA55E5
RGB	186, 85, 229
RGB Percent	73%, 33%, 90%
CMY	0.2706, 0.6667, 0.1020
CMYK	0.19, 0.63, 0.00, 0.10
HSL	282°, 73%, 62%
HSV	282°, 63%, 90%
XYZ	37.6411, 22.5932, 76.5058
YIQ	131.6150, 13.9720, 66.1960

Conversions

Conversions Part 2

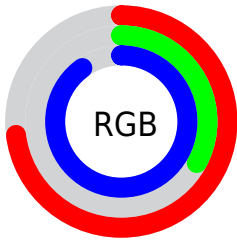
Format	Color
R_{YB}	186, 85, 229
Decimal	12211685
CIE _{Lab}	54.65, 62.65, -55.99
CIE _{LCh}	55, 84.024, 318.212
Yxy	22.5932, 0.2753, 0.1652
Android (android.graphics.Color)	4290401765 (0xFFBA55E5)
YUV	131.6150, 48.0108, 47.6956
Hunter-Lab	47.5324, 58.1732, -62.1577

Details

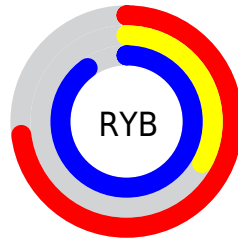
The RGB color **186, 85, 229** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **128, 229, 85**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **245, 140, 255**, and **129, 24, 173** is the 20% darker color. If you saturate the color by 10%, you get **179, 62, 229**, and if you desaturate by 10%, it is **193, 108, 229**.

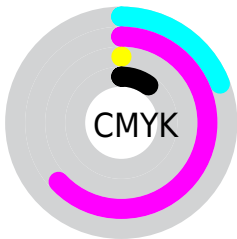
Distribution



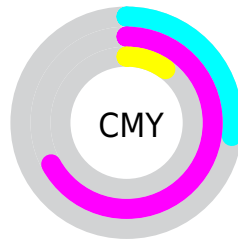
- Red (73%)
- Green (33%)
- Blue (90%)



- Red (73%)
- Yellow (33%)
- Blue (90%)



- Cyan (19%)
- Magenta (63%)
- Yellow (0%)
- Black (10%)



















- Cyan (27%)
- Magenta (67%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 85, 229 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, 85, 229 by changing the saturation by 10% instead.

 186, 85, 229	 186, 85, 229
 255, 255, 255	 157, 57, 200
 245, 140, 255	 129, 24, 173
 255, 168, 255	 101, 0, 145
 255, 197, 255	 73, 0, 119
 255, 226, 255	 45, 0, 94
	 12, 0, 69
	 0, 3, 46
	 0, 1, 24
	 0, 0, 0

186, 85, 229

186, 85, 229

179, 62, 229

193, 108, 229

172, 39, 229

200, 131, 229

165, 16, 229

207, 154, 229

161, 0, 229

213, 177, 229

220, 200, 229

227, 222, 229

234, 245, 229

241, 255, 229

248, 255, 229

Harmonies

Analogous

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



0, 125, 255



186, 85, 229



243, 30, 163

Triad

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



186, 85, 229



182, 117, 0



0, 161, 174

Complementary

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



186, 85, 229



128, 229, 85

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, 160, 98



186, 85, 229



117, 141, 0

Square

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



186, 85, 229



230, 80, 12



0, 154, 3



0, 159, 239

Rectangle

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



186, 85, 229



255, 7, 114



0, 154, 3



0, 161, 150

Sweetspot

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



186, 85, 229



241, 207, 255



85, 128, 229



119, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 85, 229



198, 64, 255



229, 85, 200



111, 103, 115



125, 0, 179



36, 0, 51

Inverse Universe

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



229, 85, 128



255, 64, 121



85, 229, 114



115, 103, 107



179, 0, 53



51, 0, 15

Previews

White Background



This preview shows how the RGB color 186, 85, 229 looks on a white background.

Color Contrast Check

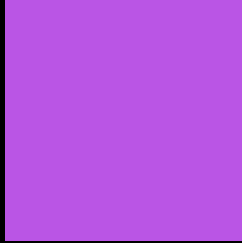
Large Text (above 18pt) WCAG AA ✓ Pass

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, 85, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

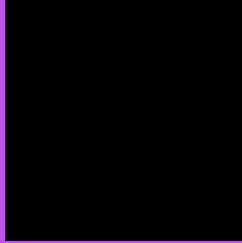
Any Text WCAG AA ✓ Pass

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, 85, 229 Background



This preview shows how black text looks on a background with the RGB color 186, 85, 229.

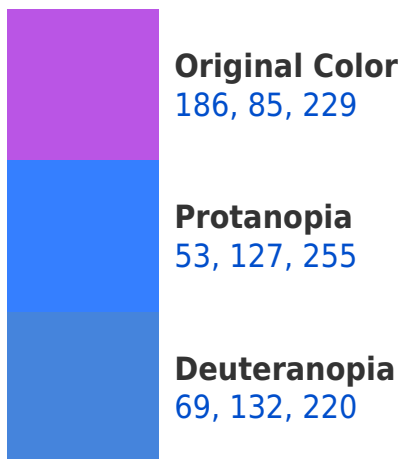


This preview shows how white text looks on a background with the RGB color 186, 85, 229.

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, 116, 125

Trichromacy



Original Color
186, 85, 229



Protanomaly
101, 112, 246



Deuteranomaly
112, 115, 223



Tritanomaly
176, 105, 163

Monochromacy



Original Color
186, 85, 229



Achromatopsia
132, 132, 132



Achromatomaly
152, 115, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 85, 229 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, 85, 229)` looks like.

```
.text, #text, p{  
    color:rgb(186, 85, 229)  
}
```

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, 85, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 85, 229) }
```

Border

The CSS property to change the border of an element to RGB 186, 85, 229 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, 85, 229) }
```

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

```
.border{ border-color:rgb(186, 85, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 85, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 85, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 85, 229);  
box-shadow:4px 4px 4px 4px rgb(186, 85,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 186, 85, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 85, 229) }
```

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

```
.background{ background-color: rgb(186, 85,  
229) }
```

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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