

Converting Colors

RGB(189, 165, 234)

Have a look what the booklet for
RGB(189, 165, 234) contains.

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Color

RGB(189, 165, 234)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BDA5EA |
| RGB | 189, 165, 234 |
| RGB Percent | 74%, 65%, 92% |
| CMY | 0.2588, 0.3529, 0.0824 |
| CMYK | 0.19, 0.29, 0.00, 0.08 |
| HSL | 261°, 62%, 78% |
| HSV | 261°, 29%, 92% |
| XYZ | 49.2927, 43.6696, 83.6730 |
| YIQ | 180.0420, -7.8450, 26.5470 |

Conversions

Conversions Part 2

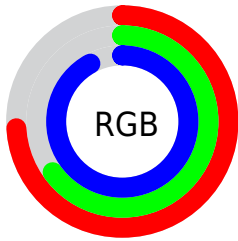
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 189, 165, 234 |
| Decimal | 12428778 |
| CIE Lab | 72.01, 22.37, -31.45 |
| CIE LCh | 72, 38.601, 305.424 |
| Yxy | 43.6696, 0.2791, 0.2472 |
| Android (android.graphics.Color) | 4290618858 (0xFFBDA5EA) |
| YUV | 180.0420, 26.6013, 7.8562 |
| Hunter-Lab | 66.0830, 17.5017, -28.8138 |

Details

The RGB color **189, 165, 234** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **210, 234, 165**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **246, 220, 255**, and **135, 113, 178** is the 20% darker color. If you saturate the color by 10%, you get **174, 142, 234**, and if you desaturate by 10%, it is **204, 188, 234**.

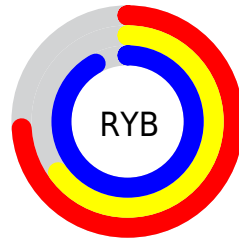
Distribution



Red (74%)

Green (65%)

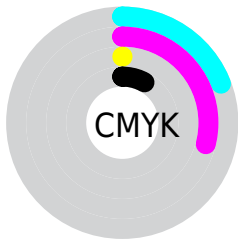
Blue (92%)



Red (74%)

Yellow (65%)

Blue (92%)

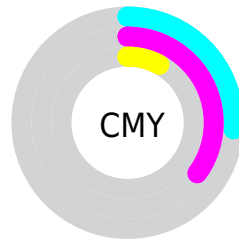


Cyan (19%)

Magenta (29%)

Yellow (0%)

Black (8%)



Cyan (26%)

Magenta (35%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 165, 234 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 189, 165, 234 by changing the saturation by 10% instead.

■ 189, 165, 234

255, 255, 255

■ 246, 220, 255

■ 255, 249, 255

■ 189, 165, 234

■ 161, 139, 206

■ 135, 113, 178

■ 109, 88, 151

■ 83, 65, 125

■ 59, 42, 100

■ 34, 21, 76


■ 14, 0, 53

■ 0, 2, 30

■ 0, 0, 1

 189, 165, 234


 189, 165, 234

 174, 142, 234

 204, 188, 234

 158, 118, 234

 220, 212, 234

 143, 95, 234

 235, 235, 234

 128, 71, 234


 250, 255, 234

 113, 48, 234

 255, 255, 234

 97, 25, 234

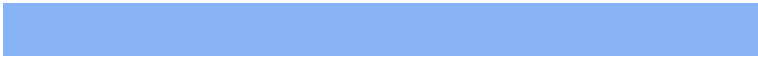
 82, 1, 234

 81, 0, 234

Harmonies

Analogous

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



136, 178, 246



189, 165, 234



226, 154, 207

Triad

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



189, 165, 234



224, 164, 113



63, 195, 182

Complementary

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



189, 165, 234



210, 234, 165

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.



113, 193, 146



189, 165, 234



194, 176, 105

Square

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



189, 165, 234



242, 153, 137



156, 186, 118



22, 194, 216

Rectangle

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



189, 165, 234



240, 149, 183



156, 186, 118



81, 195, 170

Sweetspot

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



189, 165, 234



240, 232, 255



165, 211, 234



118, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 165, 234



197, 166, 255



223, 165, 234



110, 106, 117



63, 0, 181



19, 0, 54

Inverse Universe

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



234, 165, 210



255, 166, 224



177, 234, 165



117, 106, 113



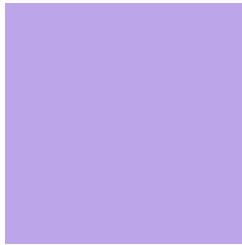
181, 0, 118



54, 0, 35

Previews

White Background



This preview shows how the RGB color 189, 165, 234 looks on a white background.

Color Contrast Check

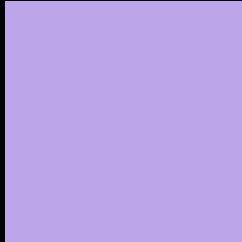
Large Text (above 18pt) WCAG AA × Fail

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 189, 165, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

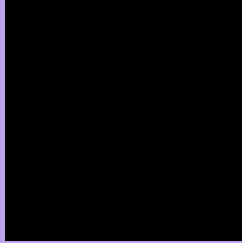
Any Text WCAG AA ✓ Pass

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 189, 165, 234 Background



This preview shows how black text looks on a background with the RGB color 189, 165, 234.



This preview shows how white text looks on a background with the RGB color 189, 165, 234.

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



Original Color
189, 165, 234

Protanopia
157, 174, 241

Deuteranopia
163, 174, 232



Tritanopia
181, 174, 188

Trichromacy



Original Color
189, 165, 234

Protanomaly
169, 171, 238

Deuteranomaly
172, 171, 233

Tritanomaly
184, 171, 205

Monochromacy



Original Color
189, 165, 234

Achromatopsia
180, 180, 180

Achromatomaly
183, 175, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 165, 234 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(189, 165, 234)` looks like.

```
.text, #text, p{  
    color:rgb(189, 165, 234)  
}
```

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(189, 165, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 165, 234) }
```

Border

The CSS property to change the border of an element to RGB 189, 165, 234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

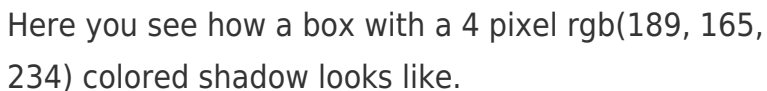
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 165, 234) }
```

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

```
.border{ border-color:rgb(189, 165, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 165, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 165, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 165, 234); box-shadow:4px 4px 4px 4px rgb(189, 165, 234) }
```

Background

The CSS property to change the background color of an element to RGB 189, 165, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 165, 234) }
```

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

```
.background{ background-color: rgb(189,  
165, 234) }
```

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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