

Converting Colors

RGB(189, 153, 235)

Have a look what the booklet for
RGB(189, 153, 235) contains.

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Color

RGB(189, 153, 235)

Conversions

Conversions Part 1

Format	Color
Hex	BD99EB
RGB	189, 153, 235
RGB Percent	74%, 60%, 92%
CMY	0.2588, 0.4000, 0.0784
CMYK	0.20, 0.35, 0.00, 0.08
HSL	266°, 67%, 76%
HSV	266°, 35%, 92%
XYZ	47.3729, 39.5994, 83.7439
YIQ	173.1120, -4.8660, 33.1340

Conversions

Conversions Part 2

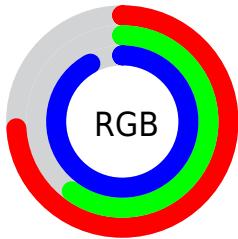
Format	Color
R _{YB}	189, 153, 235
Decimal	12425707
CIE _{Lab}	69.18, 29.26, -36.38
CIE _{LCh}	69, 46.684, 308.814
Yxy	39.5994, 0.2775, 0.2320
Android (android.graphics.Color)	4290615787 (0xFFBD99EB)
YUV	173.1120, 30.5108, 13.9338
Hunter-Lab	62.9281, 24.2524, -34.8527

Details

The RGB color **189, 153, 235** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **199, 235, 153**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **246, 208, 255**, and **134, 101, 179** is the 20% darker color. If you saturate the color by 10%, you get **176, 130, 235**, and if you desaturate by 10%, it is **202, 177, 235**.

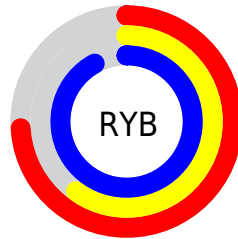
Distribution



Red (74%)

Green (60%)

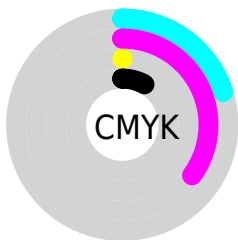
Blue (92%)



Red (74%)

Yellow (60%)

Blue (92%)

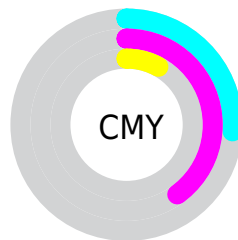


Cyan (20%)

Magenta (35%)

Yellow (0%)

Black (8%)



Cyan (26%)

Magenta (40%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 153, 235 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, 153, 235 by changing the saturation by 10% instead.


 189, 153, 235

255, 255, 255


 246, 208, 255

 255, 236, 255

 189, 153, 235

 161, 127, 207

 134, 101, 179

 108, 77, 152

 82, 54, 126

 57, 31, 100

 32, 9, 76


 12, 0, 53


 0, 2, 31


 0, 0, 1

 189, 153, 235

 189, 153, 235

 176, 130, 235


 202, 177, 235

 163, 106, 235


 215, 200, 235

 149, 82, 235


 229, 223, 235

 136, 59, 235


 242, 247, 235

 123, 35, 235

 255, 255, 235

 110, 12, 235

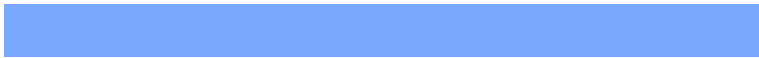
 255, 255, 235

 103, 0, 235

Harmonies

Analogous

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



122, 169, 252



189, 153, 235



231, 139, 200

Triad

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



189, 153, 235



220, 156, 90



0, 191, 180

Complementary

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



189, 153, 235



199, 235, 153

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.



79, 188, 137



189, 153, 235



183, 171, 83

Square

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



189, 153, 235



243, 141, 118



137, 182, 101



0, 189, 221

Rectangle

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



189, 153, 235



246, 134, 172



137, 182, 101



0, 190, 166

Sweetspot

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



189, 153, 235



241, 230, 255



153, 199, 235



119, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 153, 235



195, 148, 255



230, 153, 235



111, 106, 117



79, 0, 181



24, 0, 54

Inverse Universe

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



235, 153, 199



255, 148, 208



158, 235, 153



117, 106, 112



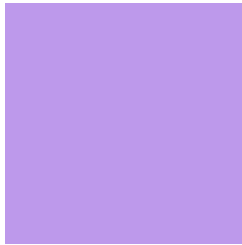
181, 0, 102



54, 0, 30

Previews

White Background



This preview shows how the RGB color 189, 153, 235 looks on a white background.

Color Contrast Check

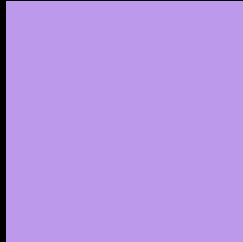
Large Text (above 18pt) WCAG AA × Fail

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, 153, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

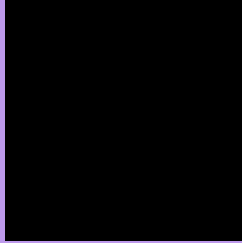
Any Text WCAG AA ✓ Pass

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, 153, 235 Background



This preview shows how black text looks on a background with the RGB color 189, 153, 235.

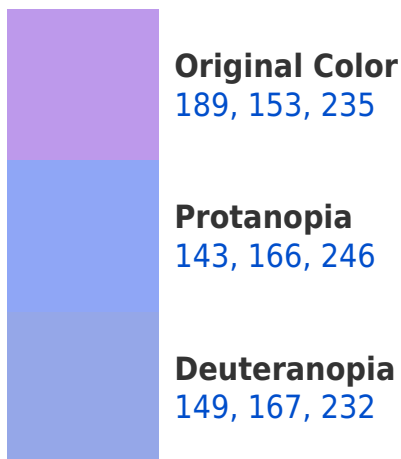



This preview shows how white text looks on a background with the RGB color 189, 153, 235.

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
179, 165, 178

Trichromacy



Original Color
189, 153, 235

Protanomaly
160, 161, 242

Deuteranomaly
164, 162, 233

Tritanomaly
183, 161, 199

Monochromacy



Original Color
189, 153, 235

Achromatopsia
173, 173, 173

Achromatomaly
179, 166, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 153, 235 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, 153, 235)` looks like.

```
.text, #text, p{  
    color:rgb(189, 153, 235)  
}
```

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, 153, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 153, 235) }
```

Border

The CSS property to change the border of an element to RGB 189, 153, 235 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, 153, 235) }
```

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

```
.border{ border-color:rgb(189, 153, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 153, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 153, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 153, 235);  
box-shadow:4px 4px 4px 4px rgb(189, 153,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 189, 153, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 153, 235) }
```

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

```
.background{ background-color: rgb(189,  
153, 235) }
```

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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