

Converting Colors

RGB(188, 155, 249)

Have a look what the booklet for
RGB(188, 155, 249) contains.

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Color

RGB(188, 155, 249)

Conversions

Conversions Part 1

Format	Color
Hex	BC9BF9
RGB	188, 155, 249
RGB Percent	74%, 61%, 98%
CMY	0.2627, 0.3922, 0.0235
CMYK	0.24, 0.38, 0.00, 0.02
HSL	261°, 89%, 79%
HSV	261°, 38%, 98%
XYZ	49.5593, 40.9736, 94.9192
YIQ	175.5830, -10.5060, 36.2300

Conversions

Conversions Part 2

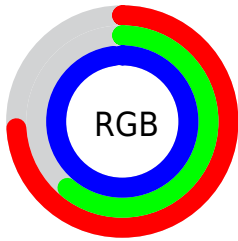
Format	Color
R _{YB}	188, 155, 249
Decimal	12360697
CIE Lab	70.16, 31.07, -42.51
CIE LCh	70, 52.653, 306.163
Yxy	40.9736, 0.2672, 0.2209
Android (android.graphics.Color)	4290550777 (0xFFBC9BF9)
YUV	175.5830, 36.1946, 10.8897
Hunter-Lab	64.0106, 26.1823, -43.1117

Details

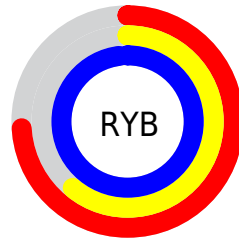
The RGB color **188, 155, 249** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **216, 249, 155**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **246, 210, 255**, and **133, 103, 192** is the 20% darker color. If you saturate the color by 10%, you get **172, 130, 249**, and if you desaturate by 10%, it is **204, 180, 249**.

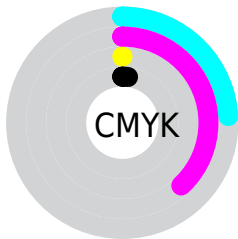
Distribution



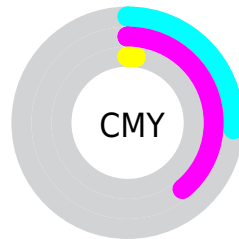
- Red (74%)
- Green (61%)
- Blue (98%)



- Red (74%)
- Yellow (61%)
- Blue (98%)



- Cyan (24%)
- Magenta (38%)
- Yellow (0%)
- Black (2%)



- Cyan (26%)
- Magenta (39%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 155, 249 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 188, 155, 249 by changing the saturation by 10% instead.


 188, 155, 249

255, 255, 255

 246, 210, 255

 255, 238, 255

 188, 155, 249

 160, 129, 220

 133, 103, 192

 106, 79, 165

 80, 55, 138

 53, 33, 112

 26, 11, 87


 4, 0, 64

 0, 3, 40


 0, 1, 18

 188, 155, 249


 188, 155, 249

 172, 130, 249


 204, 180, 249

 156, 105, 249

 220, 205, 249

 140, 80, 249


 236, 230, 249

 123, 55, 249

 253, 255, 249

 107, 30, 249

 255, 255, 249

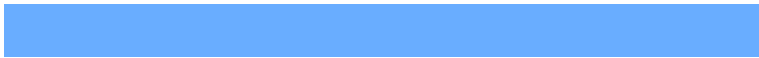
 91, 6, 249

 87, 0, 249

Harmonies

Analogous

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



105, 173, 255



188, 155, 249



238, 138, 211

Triad

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



188, 155, 249



230, 155, 84



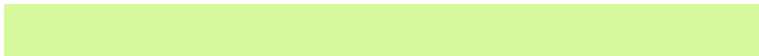
0, 196, 180

Complementary

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



188, 155, 249



216, 249, 155

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.



71, 193, 131



188, 155, 249



190, 172, 72

Square

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



188, 155, 249



255, 138, 118



140, 185, 91



0, 194, 227

Rectangle

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



188, 155, 249



255, 131, 180



140, 185, 91



0, 195, 164

Sweetspot

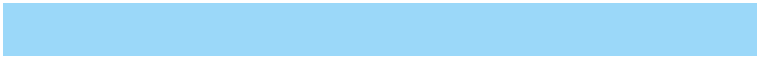
The Sweet Spot groups the original color and five complimentary colors.



188, 155, 249



237, 227, 255



155, 216, 249



117, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



188, 155, 249



181, 140, 255



235, 155, 249



117, 112, 125



66, 0, 189



21, 0, 61

Inverse Universe

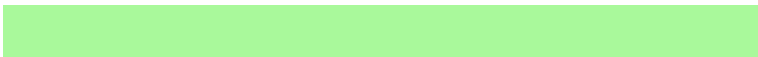
The Inverse Universe completely reimagines the original color for something new.



249, 155, 216



255, 140, 215



169, 249, 155



125, 112, 121



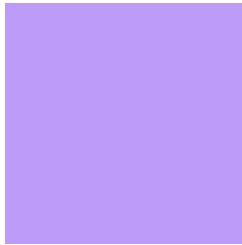
189, 0, 122



61, 0, 40

Previews

White Background



This preview shows how the RGB color 188, 155, 249 looks on a white background.

Color Contrast Check

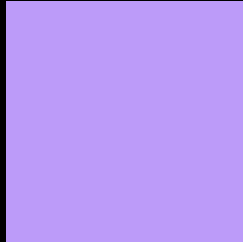
Large Text (above 18pt) WCAG AA × Fail

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 188, 155, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

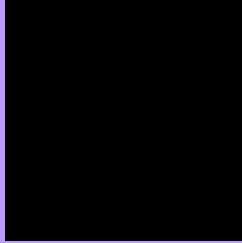
Any Text WCAG AA ✓ Pass

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 188, 155, 249 Background



This preview shows how black text looks on a background with the RGB color 188, 155, 249.

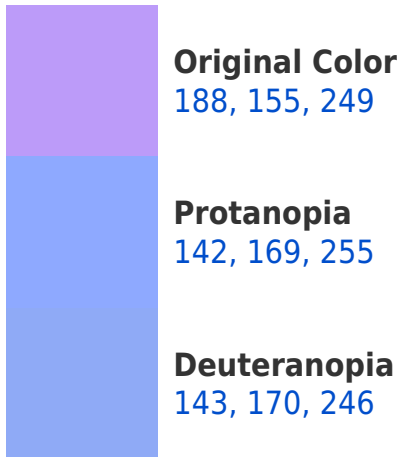



This preview shows how white text looks on a background with the RGB color 188, 155, 249.

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
176, 169, 182

Trichromacy



Original Color
188, 155, 249

Protanomaly
159, 164, 253

Deuteranomaly
159, 165, 247

Tritanomaly
180, 164, 206

Monochromacy



Original Color
188, 155, 249

Achromatopsia
176, 176, 176

Achromatomaly
180, 168, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 155, 249 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(188, 155, 249)` looks like.

```
.text, #text, p{  
    color:rgb(188, 155, 249)  
}
```

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(188, 155, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 155, 249) }
```

Border

The CSS property to change the border of an element to RGB 188, 155, 249 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(188, 155, 249) }
```

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

```
.border{ border-color:rgb(188, 155, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 155, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 155, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 155, 249);  
box-shadow:4px 4px 4px 4px rgb(188, 155,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 188, 155, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 155, 249) }
```

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

```
.background{ background-color: rgb(188,  
155, 249) }
```

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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