

Converting Colors

RGB(189, 142, 245)

Have a look what the booklet for
RGB(189, 142, 245) contains.

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Color

RGB(189, 142, 245)

Conversions

Conversions Part 1

Format	Color
Hex	BD8EF5
RGB	189, 142, 245
RGB Percent	74%, 56%, 96%
CMY	0.2588, 0.4431, 0.0392
CMYK	0.23, 0.42, 0.00, 0.04
HSL	267°, 84%, 76%
HSV	267°, 42%, 96%
XYZ	47.1407, 36.7574, 90.9965
YIQ	167.7950, -5.0510, 41.9970

Conversions

Conversions Part 2

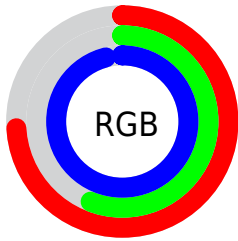
Format	Color
R _Y B	189, 142, 245
Decimal	12422901
CIE Lab	67.09, 37.62, -45.12
CIE LCh	67, 58.743, 309.817
Yxy	36.7574, 0.2695, 0.2102
Android (android.graphics.Color)	4290612981 (0xFFBD8EF5)
YUV	167.7950, 38.0621, 18.5968
Hunter-Lab	60.6279, 32.6924, -46.5490

Details

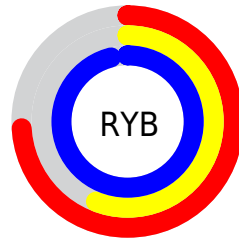
The RGB color **189, 142, 245** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **198, 245, 142**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **247, 196, 255**, and **133, 91, 188** is the 20% darker color. If you saturate the color by 10%, you get **176, 118, 245**, and if you desaturate by 10%, it is **202, 167, 245**.

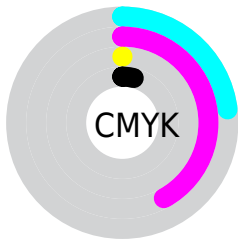
Distribution



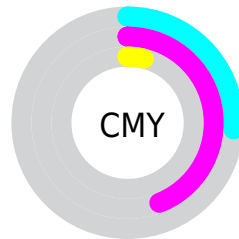
- Red (74%)
- Green (56%)
- Blue (96%)



- Red (74%)
- Yellow (56%)
- Blue (96%)



- Cyan (23%)
- Magenta (42%)
- Yellow (0%)
- Black (4%)



- Cyan (26%)
- Magenta (44%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the RGB color 189, 142, 245 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, 142, 245 by changing the saturation by 10% instead.

 189, 142, 245

 189, 142, 245

255, 255, 255

 161, 116, 216

 247, 196, 255


 133, 91, 188

 255, 225, 255

 107, 66, 161


 255, 253, 255

 80, 43, 134

 54, 19, 108

 25, 0, 84

 0, 0, 60

 0, 2, 37

 0, 1, 13

■ 189, 142, 245

■ 189, 142, 245

■ 176, 118, 245

■ 202, 167, 245

■ 162, 93, 245

■ 216, 191, 245

■ 149, 69, 245

■ 229, 216, 245

■ 136, 44, 245

■ 242, 240, 245

■ 122, 20, 245

■ 255, 255, 245

■ 112, 0, 245

Harmonies

Analogous

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



94, 163, 255



189, 142, 245



241, 122, 201

Triad

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



189, 142, 245



221, 148, 61



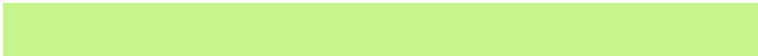
0, 189, 180

Complementary

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



189, 142, 245



198, 245, 142

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, 187, 125



189, 142, 245



176, 166, 50

Square

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



189, 142, 245



252, 127, 98



118, 179, 77



0, 187, 230

Rectangle

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



189, 142, 245



255, 115, 166



118, 179, 77



0, 189, 161

Sweetspot

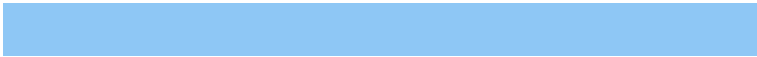
The Sweet Spot groups the original color and five complimentary colors.



189, 142, 245



237, 222, 255



142, 199, 245



116, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 142, 245



186, 128, 255



240, 142, 245



116, 110, 122



85, 0, 186



27, 0, 59

Inverse Universe

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



245, 142, 198



255, 128, 197



147, 245, 142



122, 110, 117



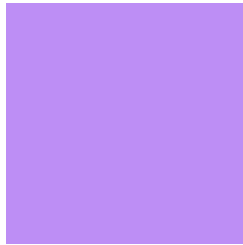
186, 0, 101



59, 0, 32

Previews

White Background



This preview shows how the RGB color 189, 142, 245 looks on a white background.

Color Contrast Check

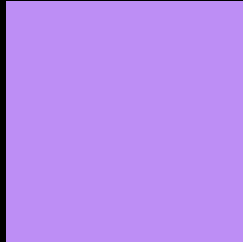
Large Text (above 18pt) WCAG AA × Fail

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, 142, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

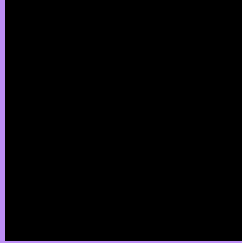
Any Text WCAG AA ✓ Pass

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, 142, 245 Background



This preview shows how black text looks on a background with the RGB color 189, 142, 245.



This preview shows how white text looks on a background with the RGB color 189, 142, 245.

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, 142, 245

Protanopia
128, 160, 255

Deuteranopia
130, 162, 241



Tritanopia
176, 158, 171

Trichromacy



Original Color

189, 142, 245



Protanomaly

150, 153, 251



Deuteranomaly

151, 155, 242



Tritanomaly

181, 152, 198

Monochromacy



Original Color

189, 142, 245



Achromatopsia

168, 168, 168



Achromatomaly

176, 159, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 142, 245 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, 142, 245)` looks like.

```
.text, #text, p{  
    color:rgb(189, 142, 245)  
}
```

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, 142, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 142, 245) }
```

Border

The CSS property to change the border of an element to RGB 189, 142, 245 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, 142, 245) }
```

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

```
.border{ border-color:rgb(189, 142, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 142, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 142, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 142, 245);  
box-shadow:4px 4px 4px 4px rgb(189, 142,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 189, 142, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 142, 245) }
```

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

```
.background{ background-color: rgb(189,  
142, 245) }
```

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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