

Converting Colors

RGB(195, 168, 243)

Have a look what the booklet for
RGB(195, 168, 243) contains.

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Color

RGB(195, 168, 243)

Conversions

Conversions Part 1

Format	Color
Hex	C3A8F3
RGB	195, 168, 243
RGB Percent	76%, 66%, 95%
CMY	0.2353, 0.3412, 0.0471
CMYK	0.20, 0.31, 0.00, 0.05
HSL	262°, 76%, 81%
HSV	262°, 31%, 95%
XYZ	52.6860, 46.0784, 90.9112
YIQ	184.6230, -7.9830, 29.0490

Conversions

Conversions Part 2

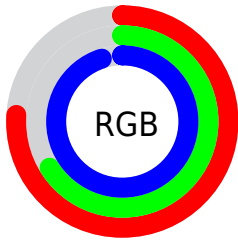
Format	Color
R _Y B	195, 168, 243
Decimal	12822771
CIE Lab	73.60, 24.54, -33.85
CIE LCh	74, 41.810, 305.937
Yxy	46.0784, 0.2778, 0.2429
Android (android.graphics.Color)	4291012851 (0xFFC3A8F3)
YUV	184.6230, 28.7799, 9.1006
Hunter-Lab	67.8811, 19.7510, -31.8886

Details

The RGB color **195, 168, 243** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **216, 243, 168**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **252, 223, 255**, and **140, 116, 187** is the 20% darker color. If you saturate the color by 10%, you get **179, 144, 243**, and if you desaturate by 10%, it is **211, 192, 243**.

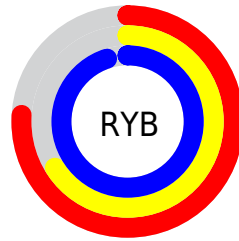
Distribution



Red (76%)

Green (66%)

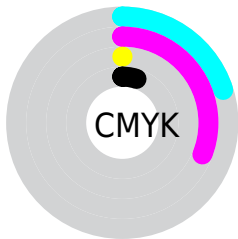
Blue (95%)



Red (76%)

Yellow (66%)

Blue (95%)

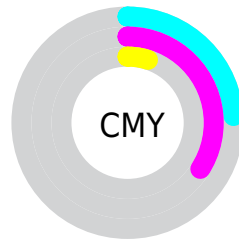


Cyan (20%)

Magenta (31%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (34%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 168, 243 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 195, 168, 243 by changing the saturation by 10% instead.

■ 195, 168, 243

255, 255, 255

■ 252, 223, 255

■ 255, 252, 255

■ 195, 168, 243

■ 167, 141, 214

■ 140, 116, 187

■ 114, 91, 159

■ 88, 67, 133

■ 63, 45, 107

■ 38, 23, 83

■ 15, 0, 59

■ 0, 2, 37

■ 0, 1, 13

■ 195, 168, 243

■ 195, 168, 243

■ 179, 144, 243

■ 211, 192, 243

■ 164, 119, 243

■ 226, 217, 243

■ 148, 95, 243

■ 242, 241, 243

■ 133, 71, 243

■ 255, 255, 243

■ 117, 46, 243

■ 102, 22, 243

■ 87, 0, 243

Harmonies

Analogous

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



136, 182, 255



195, 168, 243



235, 155, 213

Triad

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



195, 168, 243



231, 168, 111



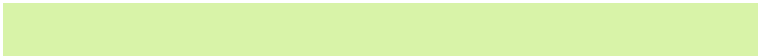
47, 201, 187

Complementary

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



195, 168, 243



216, 243, 168

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.



109, 199, 148



195, 168, 243



198, 181, 103

Square

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



195, 168, 243



251, 156, 138



157, 192, 117



0, 200, 225

Rectangle

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



195, 168, 243



250, 151, 188



157, 192, 117



71, 201, 174

Sweetspot

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



195, 168, 243



240, 232, 255



168, 217, 243



119, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



195, 168, 243



195, 161, 255



232, 168, 243



115, 110, 122



67, 0, 186



21, 0, 59

Inverse Universe

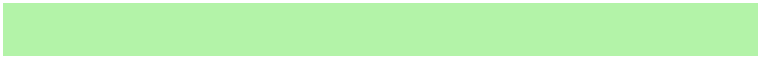
The Inverse Universe completely reimagines the original color for something new.



243, 168, 216



255, 161, 221



179, 243, 168



122, 110, 118



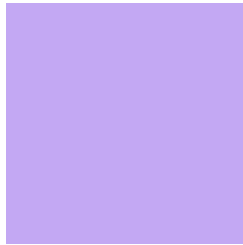
186, 0, 119



59, 0, 38

Previews

White Background



This preview shows how the RGB color 195, 168, 243 looks on a white background.

Color Contrast Check

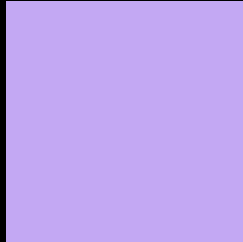
Large Text (above 18pt) WCAG AA × Fail

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 195, 168, 243 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 195, 168, 243 Background



This preview shows how black text looks on a background with the RGB color 195, 168, 243.



This preview shows how white text looks on a background with the RGB color 195, 168, 243.

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
195, 168, 243

Protanopia
159, 178, 251

Deuteranopia
165, 178, 241



Tritanopia
186, 178, 192

Trichromacy



Original Color
195, 168, 243

Protanomaly
172, 174, 248

Deuteranomaly
176, 174, 242

Tritanomaly
189, 174, 211

Monochromacy



Original Color
195, 168, 243

Achromatopsia
185, 185, 185

Achromatomaly
189, 179, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 168, 243 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(195, 168, 243)` looks like.

```
.text, #text, p{  
    color:rgb(195, 168, 243)  
}
```

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(195, 168, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 168, 243) }
```

Border

The CSS property to change the border of an element to RGB 195, 168, 243 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(195, 168, 243) }
```

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

```
.border{ border-color:rgb(195, 168, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 168, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 168, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 168, 243);  
box-shadow:4px 4px 4px 4px rgb(195, 168,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 195, 168, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 168, 243) }
```

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

```
.background{ background-color: rgb(195,  
168, 243) }
```

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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