

Converting Colors

RGB(195, 163, 244)

Have a look what the booklet for
RGB(195, 163, 244) contains.

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Color

RGB(195, 163, 244)

Conversions

Conversions Part 1

Format	Color
Hex	C3A3F4
RGB	195, 163, 244
RGB Percent	76%, 64%, 96%
CMY	0.2353, 0.3608, 0.0431
CMYK	0.20, 0.33, 0.00, 0.04
HSL	264°, 79%, 80%
HSV	264°, 33%, 96%
XYZ	51.9320, 44.3281, 91.4070
YIQ	181.8020, -6.9290, 31.9750

Conversions

Conversions Part 2

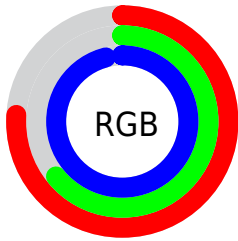
Format	Color
R _Y B	195, 163, 244
Decimal	12821492
CIE Lab	72.45, 27.52, -36.17
CIE LCh	72, 45.454, 307.264
Yxy	44.3281, 0.2767, 0.2362
Android (android.graphics.Color)	4291011572 (0xFFC3A3F4)
YUV	181.8020, 30.6636, 11.5746
Hunter-Lab	66.5794, 22.7163, -34.7938

Details

The RGB color **195, 163, 244** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **212, 244, 163**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **253, 218, 255**, and **140, 111, 187** is the 20% darker color. If you saturate the color by 10%, you get **180, 139, 244**, and if you desaturate by 10%, it is **210, 187, 244**.

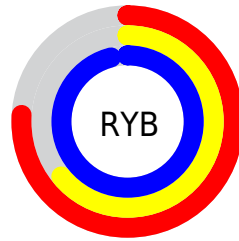
Distribution



Red (76%)

Green (64%)

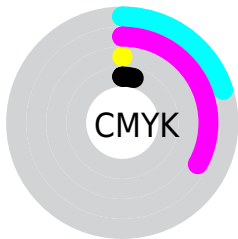
Blue (96%)



Red (76%)

Yellow (64%)

Blue (96%)

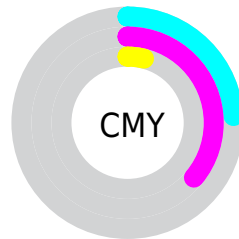


Cyan (20%)

Magenta (33%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (36%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 163, 244 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, 163, 244 by changing the saturation by 10% instead.


 195, 163, 244


255, 255, 255

 253, 218, 255

 255, 247, 255

 195, 163, 244

 167, 137, 215


 140, 111, 187

 114, 86, 160

 88, 63, 134


 62, 40, 108

 37, 18, 83


 15, 0, 60


 0, 2, 37


 0, 1, 14

 195, 163, 244


 195, 163, 244

 180, 139, 244

 210, 187, 244

 165, 114, 244


 225, 212, 244

 151, 90, 244


 239, 236, 244

 136, 65, 244

 254, 255, 244

 121, 41, 244

 255, 255, 244

 106, 17, 244

 96, 0, 244

Harmonies

Analogous

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



130, 179, 255



195, 163, 244



238, 149, 211

Triad

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



195, 163, 244



230, 164, 101



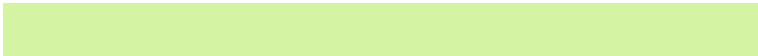
0, 199, 187

Complementary

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



195, 163, 244



212, 244, 163

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.



95, 197, 144



195, 163, 244



194, 179, 93

Square

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



195, 163, 244



253, 150, 129



149, 190, 110



0, 198, 227

Rectangle

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



195, 163, 244



253, 144, 183



149, 190, 110



40, 199, 172

Sweetspot

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



195, 163, 244



240, 230, 255



163, 213, 244



118, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



195, 163, 244



193, 153, 255



235, 163, 244



115, 110, 122



74, 0, 186



23, 0, 59

Inverse Universe

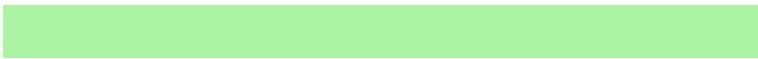
The Inverse Universe completely reimagines the original color for something new.



244, 163, 212



255, 153, 215



172, 244, 163



122, 110, 118



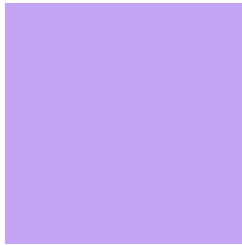
186, 0, 113



59, 0, 35

Previews

White Background



This preview shows how the RGB color 195, 163, 244 looks on a white background.

Color Contrast Check

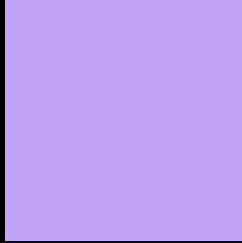
Large Text (above 18pt) WCAG AA × Fail

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, 163, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

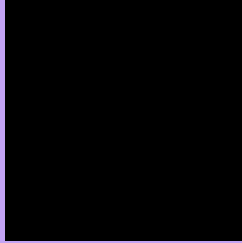
Any Text WCAG AA ✓ Pass

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, 163, 244 Background



This preview shows how black text looks on a background with the RGB color 195, 163, 244.



This preview shows how white text looks on a background with the RGB color 195, 163, 244.

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, 163, 244

Protanopia
153, 175, 254

Deuteranopia
159, 175, 242



Tritanopia
185, 174, 188

Trichromacy



Original Color
195, 163, 244

Protanomaly
168, 171, 250

Deuteranomaly
172, 171, 243

Tritanomaly
189, 170, 208

Monochromacy



Original Color
195, 163, 244

Achromatopsia
182, 182, 182

Achromatomaly
187, 175, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 163, 244 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, 163, 244)` looks like.

```
.text, #text, p{  
    color:rgb(195, 163, 244)  
}
```

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, 163, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 163, 244) }
```

Border

The CSS property to change the border of an element to RGB 195, 163, 244 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, 163, 244) }
```

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

```
.border{ border-color:rgb(195, 163, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 163, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 163, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 163, 244);  
box-shadow:4px 4px 4px 4px rgb(195, 163,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 195, 163, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 163, 244) }
```

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

```
.background{ background-color: rgb(195,  
163, 244) }
```

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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