

Converting Colors

RGB(204, 156, 249)

Have a look what the booklet for
RGB(204, 156, 249) contains.

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Color

RGB(204, 156, 249)

Conversions

Conversions Part 1

Format	Color
Hex	CC9CF9
RGB	204, 156, 249
RGB Percent	80%, 61%, 98%
CMY	0.2000, 0.3882, 0.0235
CMYK	0.18, 0.37, 0.00, 0.02
HSL	271°, 89%, 79%
HSV	271°, 37%, 98%
XYZ	53.8892, 43.4539, 95.1697
YIQ	180.9540, -1.2450, 39.0990

Conversions

Conversions Part 2

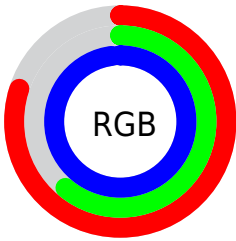
Format	Color
RYB	204, 156, 249
Decimal	13409529
CIELab	71.86, 35.12, -39.74
CIELCh	72, 53.031, 311.467
Yxy	43.4539, 0.2799, 0.2257
Android (android.graphics.Color)	4291599609 (0xFFCC9CF9)
YUV	180.9540, 33.5467, 20.2113
Hunter-Lab	65.9195, 30.5645, -39.4548

Details

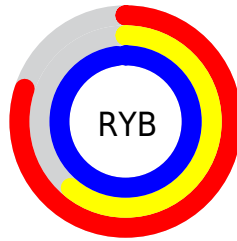
The RGB color **204, 156, 249** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **201, 249, 156**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 211, 255**, and **148, 104, 192** is the 20% darker color. If you saturate the color by 10%, you get **192, 131, 249**, and if you desaturate by 10%, it is **216, 181, 249**.

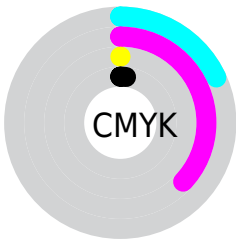
Distribution



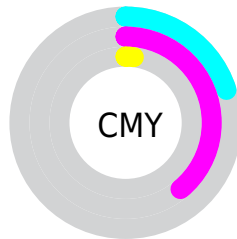
- Red (80%)
- Green (61%)
- Blue (98%)



- Red (80%)
- Yellow (61%)
- Blue (98%)



- Cyan (18%)
- Magenta (37%)
- Yellow (0%)
- Black (2%)



- Cyan (20%)
- Magenta (39%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 156, 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 204, 156, 249 by changing the saturation by 10% instead.

 204, 156, 249

255, 255, 255


 255, 211, 255

 255, 240, 255

 204, 156, 249

 176, 130, 220


 148, 104, 192

 121, 79, 165

 95, 55, 138


 69, 32, 112

 44, 7, 87


 21, 0, 64


 0, 3, 41


 0, 1, 18

 204, 156, 249

 204, 156, 249

 192, 131, 249


 216, 181, 249

 180, 106, 249

 228, 206, 249

 168, 81, 249

 240, 231, 249

 156, 56, 249

 252, 255, 249

 144, 32, 249

 255, 255, 249

 132, 7, 249

 129, 0, 249

Harmonies

Analogous

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



127, 175, 255



204, 156, 249



250, 140, 208

Triad

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



204, 156, 249



229, 163, 83



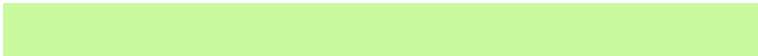
0, 201, 194

Complementary

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



204, 156, 249



201, 249, 156

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.



56, 198, 144



204, 156, 249



187, 179, 77

Square

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



204, 156, 249



255, 145, 114



134, 192, 101



0, 198, 239

Rectangle

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



204, 156, 249



255, 135, 176



134, 192, 101



0, 200, 177

Sweetspot

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



204, 156, 249



241, 227, 255



156, 203, 249



119, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 156, 249



199, 140, 255



249, 156, 249



119, 112, 125



97, 0, 189



32, 0, 61

Inverse Universe

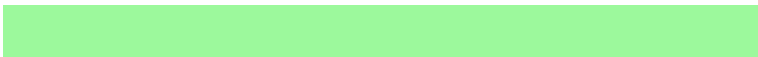
The Inverse Universe completely reimagines the original color for something new.



249, 156, 201



255, 140, 196



156, 249, 156



125, 112, 119



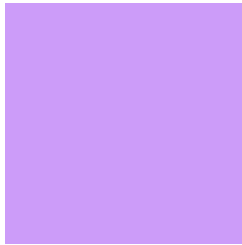
189, 0, 91



61, 0, 30

Previews

White Background



This preview shows how the RGB color 204, 156, 249 looks on a white background.

Color Contrast Check

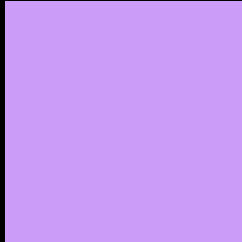
Large Text (above 18pt) WCAG AA × Fail

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 204, 156, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

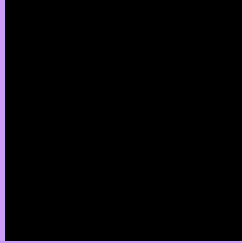
Any Text WCAG AA ✓ Pass

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 204, 156, 249 Background



This preview shows how black text looks on a background with the RGB color 204, 156, 249.



This preview shows how white text looks on a background with the RGB color 204, 156, 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



Original Color
204, 156, 249

Protanopia
149, 174, 255

Deuteranopia
153, 174, 245



Tritanopia
193, 170, 183

Trichromacy



Original Color

204, 156, 249



Protanomaly

169, 167, 253



Deuteranomaly

172, 167, 246



Tritanomaly

197, 165, 207

Monochromacy



Original Color

204, 156, 249



Achromatopsia

181, 181, 181



Achromatomaly

189, 172, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 156, 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(204, 156, 249) looks like.

```
.text, #text, p{  
    color:rgb(204, 156, 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(204, 156, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 156, 249) }
```

Border

The CSS property to change the border of an element to RGB 204, 156, 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(204, 156, 249) }
```

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

```
.border{ border-color:rgb(204, 156, 249) }
```

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

Here you see how a box with a 4 pixel rgb(204, 156, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 156, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 156, 249);  
box-shadow:4px 4px 4px 4px rgb(204, 156,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 204, 156, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 156, 249) }
```

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

```
.background{ background-color: rgb(204,  
156, 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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