

Converting Colors

RGB(201, 166, 242)

Have a look what the booklet for
RGB(201, 166, 242) contains.

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Color

RGB(201, 166, 242)

Conversions

Conversions Part 1

Format	Color
Hex	C9A6F2
RGB	201, 166, 242
RGB Percent	79%, 65%, 95%
CMY	0.2118, 0.3490, 0.0510
CMYK	0.17, 0.31, 0.00, 0.05
HSL	268°, 75%, 80%
HSV	268°, 31%, 95%
XYZ	53.7506, 46.1007, 90.0698
YIQ	185.1290, -3.5360, 31.0560

Conversions

Conversions Part 2

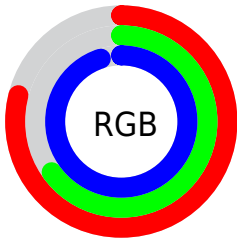
Format	Color
RYB	201, 166, 242
Decimal	13215474
CIELab	73.61, 27.22, -33.24
CIElCh	74, 42.969, 309.314
Yxy	46.1007, 0.2830, 0.2427
Android (android.graphics.Color)	4291405554 (0xFFC9A6F2)
YUV	185.1290, 28.0374, 13.9189
Hunter-Lab	67.8975, 22.4876, -31.1231

Details

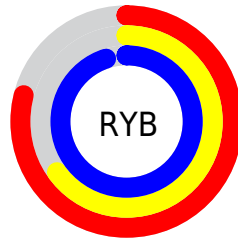
The RGB color **201, 166, 242** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **207, 242, 166**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 221, 255**, and **146, 114, 186** is the 20% darker color. If you saturate the color by 10%, you get **188, 142, 242**, and if you desaturate by 10%, it is **214, 190, 242**.

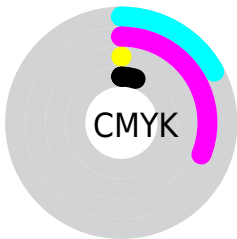
Distribution



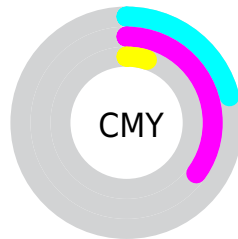
- Red (79%)
- Green (65%)
- Blue (95%)



- Red (79%)
- Yellow (65%)
- Blue (95%)



- Cyan (17%)
- Magenta (31%)
- Yellow (0%)
- Black (5%)




- Cyan (21%)
- Magenta (35%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 166, 242 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 201, 166, 242 by changing the saturation by 10% instead.

 201, 166, 242

255, 255, 255

 255, 221, 255

 255, 250, 255

 201, 166, 242

 173, 139, 213

 146, 114, 186

 119, 89, 158

 94, 65, 132


 69, 42, 107


 44, 20, 82


 22, 0, 59


 0, 2, 36

 0, 0, 12

 201, 166, 242

 201, 166, 242

 188, 142, 242


 214, 190, 242

 175, 118, 242

 227, 214, 242

 162, 93, 242

 240, 239, 242


 149, 69, 242

 253, 255, 242

 136, 45, 242

 255, 255, 242

 123, 21, 242

 111, 0, 242

Harmonies

Analogous

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



142, 181, 255



201, 166, 242



240, 154, 210

Triad

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



201, 166, 242



229, 169, 107



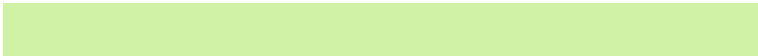
21, 202, 192

Complementary

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



201, 166, 242



207, 242, 166

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.



101, 200, 152



201, 166, 242



194, 183, 102

Square

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



201, 166, 242



252, 156, 133



151, 193, 118



0, 200, 230

Rectangle

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



201, 166, 242



254, 150, 183



151, 193, 118



57, 201, 179

Sweetspot

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



201, 166, 242



243, 232, 255



166, 208, 242



120, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 166, 242



203, 158, 255



238, 166, 242



113, 108, 120



85, 0, 184



26, 0, 56

Inverse Universe

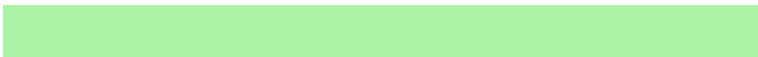
The Inverse Universe completely reimagines the original color for something new.



242, 166, 207



255, 158, 210



170, 242, 166



120, 108, 114



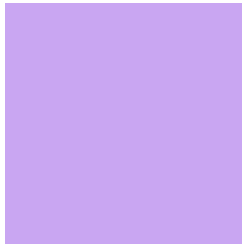
184, 0, 99



56, 0, 30

Previews

White Background



This preview shows how the RGB color 201, 166, 242 looks on a white background.

Color Contrast Check

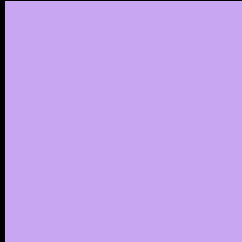
Large Text (above 18pt) WCAG AA × Fail

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 201, 166, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

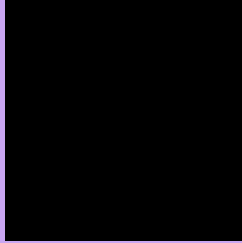
Any Text WCAG AA ✓ Pass

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 201, 166, 242 Background



This preview shows how black text looks on a background with the RGB color 201, 166, 242.

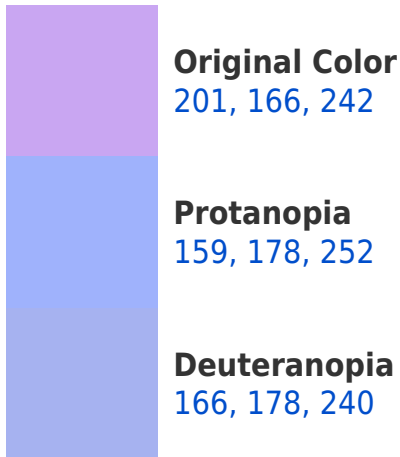



This preview shows how white text looks on a background with the RGB color 201, 166, 242.

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
192, 176, 190

Trichromacy



Original Color
201, 166, 242

Protanomaly
174, 174, 248

Deuteranomaly
179, 174, 241

Tritanomaly
195, 172, 209

Monochromacy



Original Color
201, 166, 242

Achromatopsia
185, 185, 185

Achromatomaly
191, 178, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 166, 242 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(201, 166, 242)` looks like.

```
.text, #text, p{  
    color:rgb(201, 166, 242)  
}
```

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(201, 166, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 166, 242) }
```

Border

The CSS property to change the border of an element to RGB 201, 166, 242 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(201, 166, 242) }
```

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

```
.border{ border-color:rgb(201, 166, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 166, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 166, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 166, 242);  
box-shadow:4px 4px 4px 4px rgb(201, 166,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 201, 166, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 166, 242) }
```

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

```
.background{ background-color: rgb(201,  
166, 242) }
```

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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