

Converting Colors

`RYB(201, 96, 251)`

Have a look what the booklet for RYB(201, 96, 251) contains.

RYB(201, 96, 251)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(201, 96, 251)

Conversions

Conversions Part 1

Format	Color
Hex	C960FB
RGB	201, 96, 251
RGB Percent	79%, 38%, 98%
CMY	0.2118, 0.6235, 0.0157
CMYK	0.20, 0.62, 0.00, 0.02
HSL	281°, 95%, 68%
HSV	281°, 62%, 98%
XYZ	45.6829, 27.7483, 94.2150
YIQ	145.0650, 12.8250, 70.4650

Conversions

Conversions Part 2

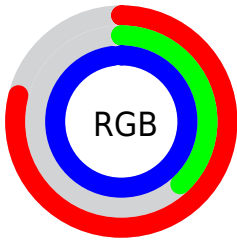
Format	Color
R _Y B	201, 96, 251
Decimal	13197563
CIE Lab	59.66, 65.54, -60.13
CIE LCh	60, 88.943, 317.462
Yxy	27.7483, 0.2725, 0.1655
Android (android.graphics.Color)	4291387643 (0xFFC960FB)
YUV	145.0650, 52.2260, 49.0550
Hunter-Lab	52.6766, 62.6167, -69.1697

Details

The RYB color **201, 96, 251** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **96, 251, 201**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **255, 152, 255**, and **143, 37, 194** is the 20% darker color. If you saturate the color by 10%, you get **193, 71, 251**, and if you desaturate by 10%, it is **209, 121, 251**.

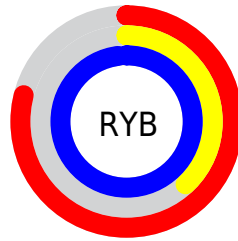
Distribution



Red (79%)

Green (38%)

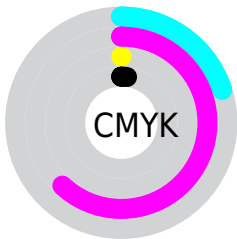
Blue (98%)



Red (79%)

Yellow (38%)

Blue (98%)

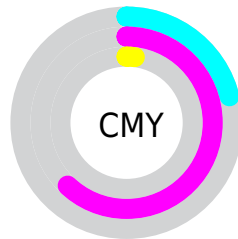


Cyan (20%)

Magenta (62%)

Yellow (0%)

Black (2%)



Cyan (21%)

















Magenta (62%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 96, 251 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 RYB color 201, 96, 251 by changing the saturation by 10% instead.

 201, 96, 251	 201, 96, 251
 255, 255, 255	 172, 68, 222
 255, 152, 255	 143, 37, 194
 255, 180, 255	 114, 0, 166
 255, 209, 255	 86, 0, 139
 255, 238, 255	 57, 0, 113
	 30, 0, 87
	 0, 0, 63
	 0, 3, 40
	 0, 1, 17

■ 201, 96, 251

■ 201, 96, 251

■ 193, 71, 251

■ 209, 121, 251

■ 185, 46, 251

■ 217, 146, 251

■ 177, 21, 251

■ 225, 171, 251

■ 170, 0, 251

■ 233, 196, 251

■ 241, 221, 251

■ 250, 247, 251

■ 251, 255, 251

Harmonies

Analogous

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



0, 90, 255



201, 96, 251



255, 39, 180

Triad

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



201, 96, 251



115, 201, 0



0, 91, 189

Complementary

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



201, 96, 251



96, 251, 201

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, 109, 175



201, 96, 251



0, 154, 23

Square

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



201, 96, 251



252, 116, 20



0, 165, 168



0, 103, 255

Rectangle

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



201, 96, 251



255, 18, 128



0, 165, 168



0, 92, 177

Sweetspot

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



201, 96, 251



239, 207, 255



96, 135, 251



118, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 96, 251



194, 66, 255



251, 96, 225



121, 112, 125



128, 0, 189



41, 0, 61

Inverse Universe

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



251, 96, 146



255, 66, 127



96, 229, 251



125, 112, 116



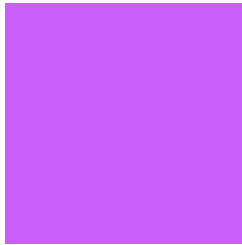
189, 0, 61



61, 0, 20

Previews

White Background



This preview shows how the RYB color 201, 96, 251 looks on a white background.

Color Contrast Check

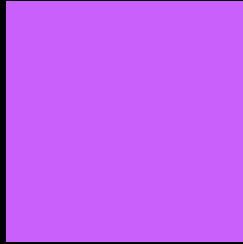
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 201, 96, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

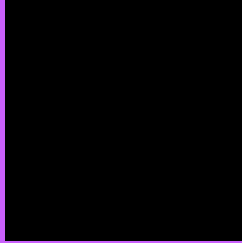
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 201, 96, 251 Background



This preview shows how black text looks on a background with the RYP color 201, 96, 251.

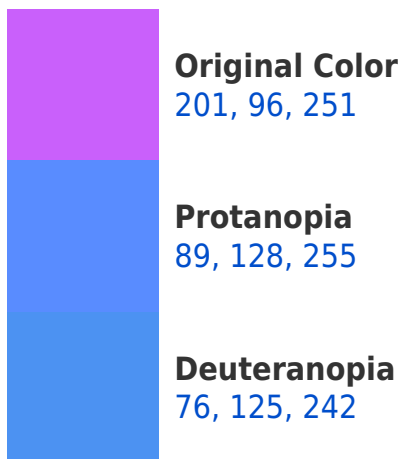



This preview shows how white text looks on a background with the RYP color 201, 96, 251.

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
184, 129, 138

Trichromacy



Original Color
201, 96, 251



Protanomaly
130, 124, 254



Deuteranomaly
121, 127, 245



Tritanomaly
190, 117, 179

Monochromacy



Original Color
201, 96, 251



Achromatopsia
145, 145, 145



Achromatomaly
165, 127, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 96, 251 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, 96, 251)` looks like.

```
.text, #text, p{  
    color:rgb(201, 96, 251)  
}
```

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, 96, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 96, 251) }
```

Border

The CSS property to change the border of an element to RYB 201, 96, 251 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, 96, 251) }
```

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

```
.border{ border-color:rgb(201, 96, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 96, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 96, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 96, 251);  
box-shadow:4px 4px 4px 4px rgb(201, 96,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 201, 96, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 96, 251) }
```

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

```
.background{ background-color: rgb(201, 96,  
251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor