

Converting Colors

`RYB(201, 75, 246)`

Have a look what the booklet for
RYB(201, 75, 246) contains.

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Color

RYB(201, 75, 246)

Conversions

Conversions Part 1

Format	Color
Hex	C94BF6
RGB	201, 75, 246
RGB Percent	79%, 29%, 96%
CMY	0.2118, 0.7059, 0.0353
CMYK	0.18, 0.70, 0.00, 0.04
HSL	284°, 90%, 63%
HSV	284°, 70%, 96%
XYZ	43.2380, 24.1035, 89.5623
YIQ	132.1680, 20.2050, 79.8930

Conversions

Conversions Part 2

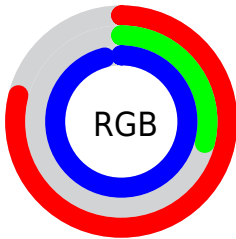
Format	Color
RYB	201, 75, 246
Decimal	13192182
CIELab	56.19, 73.37, -62.92
CIElCh	56, 96.661, 319.384
Yxy	24.1035, 0.2756, 0.1536
Android (android.graphics.Color)	4291382262 (0xFFC94BF6)
YUV	132.1680, 56.1192, 60.3657
Hunter-Lab	49.0953, 71.2874, -73.7933

Details

The RYB color **201, 75, 246** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light washed magenta. A complement of this color would be **75, 246, 201**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **255, 133, 255**, and **142, 0, 189** is the 20% darker color. If you saturate the color by 10%, you get **195, 50, 246**, and if you desaturate by 10%, it is **207, 100, 246**.

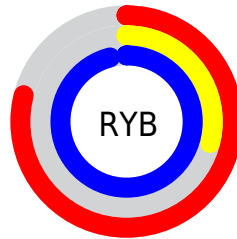
Distribution



Red (79%)

Green (29%)

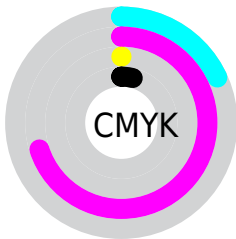
Blue (96%)



Red (79%)

Yellow (29%)

Blue (96%)

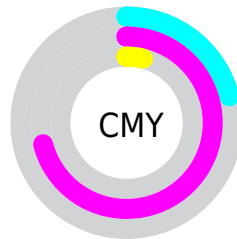


Cyan (18%)

Magenta (70%)

Yellow (0%)

Black (4%)



Cyan (21%)


















Magenta (71%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the RYB color 201, 75, 246 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, 75, 246 by changing the saturation by 10% instead.

 201, 75, 246	 201, 75, 246
 255, 255, 255	 171, 42, 217
 255, 133, 255	 142, 0, 189
 255, 162, 255	 113, 0, 161
 255, 191, 255	 84, 0, 134
 255, 220, 255	 55, 0, 108
 255, 250, 255	 24, 0, 83
	 0, 0, 58
	 0, 2, 36
	 0, 0, 11

 201, 75, 246

 201, 75, 246


 195, 50, 246


 207, 100, 246

 188, 26, 246

 214, 124, 246

 182, 1, 246

 220, 149, 246

 181, 0, 246

 227, 173, 246

 233, 198, 246

 240, 223, 246

 246, 247, 247

 246, 255, 248

 246, 255, 246

Harmonies

Analogous

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



0, 85, 255



201, 75, 246



255, 0, 168

Triad

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



201, 75, 246



106, 189, 0



0, 89, 189

Complementary

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



201, 75, 246



75, 246, 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, 104, 167



201, 75, 246



0, 147, 35

Square

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



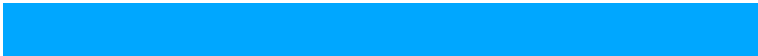
201, 75, 246



245, 104, 0



0, 161, 161



0, 101, 255

Rectangle

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



201, 75, 246



255, 0, 113



0, 161, 161



0, 86, 168

Sweetspot

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



201, 75, 246



241, 201, 255



75, 111, 246



119, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 75, 246



199, 43, 255



246, 75, 206



119, 110, 122



137, 0, 186



43, 0, 59

Inverse Universe

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



246, 75, 120



255, 43, 99



75, 214, 246



122, 110, 113



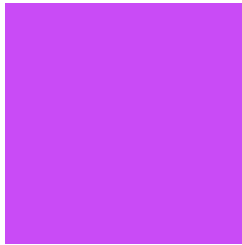
186, 0, 49



59, 0, 15

Previews

White Background



This preview shows how the RYB color 201, 75, 246 looks on a white background.

Color Contrast Check

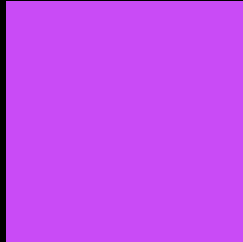
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

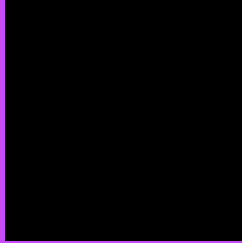
Any Text WCAG AA ✓ Pass

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, 75, 246 Background



This preview shows how black text looks on a background with the RYB color 201, 75, 246.

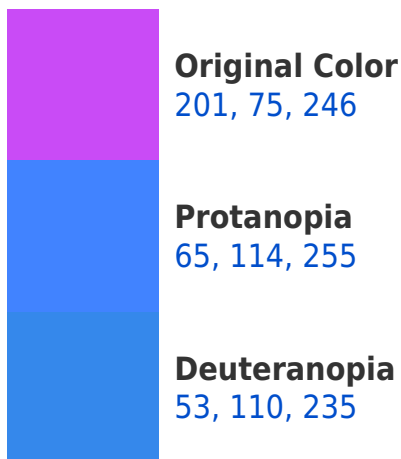



This preview shows how white text looks on a background with the RYB color 201, 75, 246.

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
183, 115, 124

Trichromacy



Original Color

201, 75, 246



Protanomaly

114, 111, 252



Deuteranomaly

107, 114, 239



Tritanomaly

190, 100, 168

Monochromacy



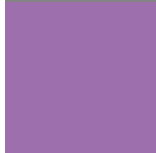
Original Color

201, 75, 246



Achromatopsia

132, 132, 132



Achromatomaly

157, 111, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 75, 246 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, 75, 246)` looks like.

```
.text, #text, p{  
    color:rgb(201, 75, 246)  
}
```

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, 75, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 75, 246) }
```

Border

The CSS property to change the border of an element to RYB 201, 75, 246 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, 75, 246) }
```

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

```
.border{ border-color:rgb(201, 75, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 75, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 75, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 75, 246);  
box-shadow:4px 4px 4px 4px rgb(201, 75,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 201, 75, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 75, 246) }
```

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

```
.background{ background-color: rgb(201, 75,  
246) }
```

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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