

Converting Colors

`RYB(135, 101, 252)`

Have a look what the booklet for
RYB(135, 101, 252) contains.

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Color

R_YB(135, 101, 252)

Conversions

Conversions Part 1

Format	Color
Hex	8765FC
RGB	135, 101, 252
RGB Percent	53%, 40%, 99%
CMY	0.4706, 0.6039, 0.0118
CMYK	0.46, 0.60, 0.00, 0.01
HSL	254°, 96%, 69%
HSV	254°, 60%, 99%
XYZ	32.2160, 21.4865, 94.5448
YIQ	128.3800, -28.2070, 54.1690

Conversions

Conversions Part 2

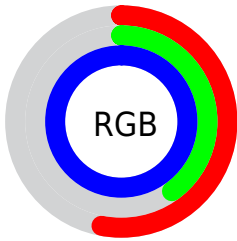
Format	Color
R _Y B	135, 101, 252
Decimal	8873468
CIE Lab	53.48, 49.14, -71.02
CIE LCh	53, 86.361, 304.683
Yxy	21.4865, 0.2173, 0.1449
Android (android.graphics.Color)	4287063548 (0xFF8765FC)
YUV	128.3800, 60.9447, 5.8057
Hunter-Lab	46.3536, 42.9400, -88.4830

Details

The RYB color **135, 101, 252** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **101, 252, 135**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **195, 153, 255**, and **73, 52, 194** is the 20% darker color. If you saturate the color by 10%, you get **115, 76, 252**, and if you desaturate by 10%, it is **155, 126, 252**.

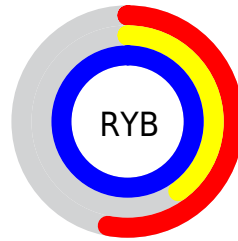
Distribution



Red (53%)

Green (40%)

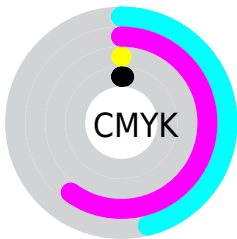
Blue (99%)



Red (53%)

Yellow (40%)

Blue (99%)

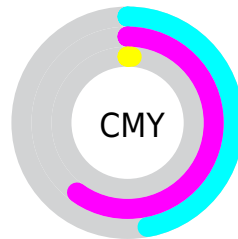


Cyan (46%)

Magenta (60%)

Yellow (0%)

Black (1%)



Cyan (47%)


Magenta (60%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RYB color 135, 101, 252 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 135, 101, 252 by changing the saturation by 10% instead.

 135, 101, 252

 135, 101, 252

255, 255, 255

 105, 76, 223

 195, 153, 255

 73, 52, 194

 225, 181, 255

 35, 28, 166

 255, 208, 255

 0, 2, 139

 255, 237, 255

 0, 0, 113

 0, 0, 87

 0, 5, 63

 0, 3, 40

 0, 1, 18

■ 135, 101, 252

■ 135, 101, 252

■ 115, 76, 252

■ 155, 126, 252

■ 96, 51, 252

■ 174, 151, 252

■ 76, 25, 252

■ 194, 177, 252

■ 57, 0, 252

■ 213, 202, 252

■ 233, 227, 252

■ 252, 252, 252

■ 252, 255, 252

Harmonies

Analogous

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



0, 88, 255



135, 101, 252



223, 47, 193

Triad

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



135, 101, 252



204, 189, 0



0, 84, 158

Complementary

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



135, 101, 252



101, 252, 135

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, 113, 155



135, 101, 252



18, 145, 0

Square

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



135, 101, 252



243, 49, 47



0, 146, 84



0, 90, 211

Rectangle

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



135, 101, 252



248, 0, 144



0, 146, 84



0, 92, 157

Sweetspot

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



135, 101, 252



219, 209, 255



101, 167, 252



106, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



135, 101, 252



113, 71, 255



209, 101, 252



115, 112, 125



42, 0, 189



14, 0, 61

Inverse Universe

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



252, 101, 218



255, 71, 214



101, 252, 209



125, 112, 122



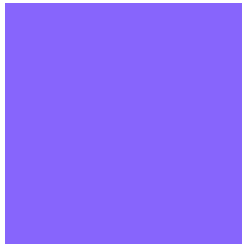
189, 0, 146



61, 0, 47

Previews

White Background



This preview shows how the RYB color 135, 101, 252 looks on a white background.

Color Contrast Check

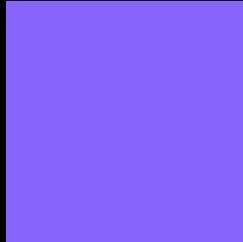
Large Text (above 18pt) WCAG AA ✓ Pass

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 135, 101, 252 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](#).

RYB 135, 101, 252 Background



This preview shows how black text looks on a background with the RYB color 135, 101, 252.

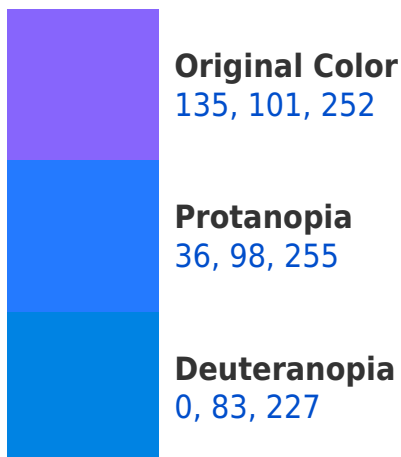


This preview shows how white text looks on a background with the RYB color 135, 101, 252.

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
105, 121, 142

Trichromacy



Original Color

135, 101, 252



Protanomaly

72, 107, 254



Deuteranomaly

49, 100, 236



Tritanomaly

116, 121, 182

Monochromacy



Original Color

135, 101, 252



Achromatopsia

128, 128, 128



Achromatomaly

131, 118, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 101, 252 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(135, 101, 252)` looks like.

```
.text, #text, p{  
    color:rgb(135, 101, 252)  
}
```

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(135, 101, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 101, 252) }
```

Border

The CSS property to change the border of an element to RYB 135, 101, 252 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(135, 101, 252) }
```

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

```
.border{ border-color:rgb(135, 101, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 101, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 101, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 101, 252);  
box-shadow:4px 4px 4px 4px rgb(135, 101,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 135, 101, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 101, 252) }
```

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

```
.background{ background-color: rgb(135,  
101, 252) }
```

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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