

Converting Colors

`RYB(134, 90, 250)`

Have a look what the booklet for
RYB(134, 90, 250) contains.

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Color

R_YB(134, 90, 250)

Conversions

Conversions Part 1

Format	Color
Hex	865AFA
RGB	134, 90, 250
RGB Percent	53%, 35%, 98%
CMY	0.4745, 0.6471, 0.0196
CMYK	0.46, 0.64, 0.00, 0.02
HSL	256°, 94%, 67%
HSV	256°, 64%, 98%
XYZ	30.7430, 19.2828, 92.5441
YIQ	121.3960, -25.1360, 59.0880

Conversions

Conversions Part 2

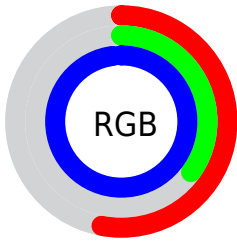
Format	Color
RYB	134, 90, 250
Decimal	8805114
CIELab	51.02, 54.36, -73.90
CIElCh	51, 91.741, 306.334
Yxy	19.2828, 0.2156, 0.1353
Android (android.graphics.Color)	4286995194 (0xFF865AFA)
YUV	121.3960, 63.4018, 11.0537
Hunter-Lab	43.9122, 48.1219, -94.2141

Details

The RYB color **134, 90, 250** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **90, 250, 134**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **194, 142, 255**, and **71, 40, 192** is the 20% darker color. If you saturate the color by 10%, you get **116, 65, 250**, and if you desaturate by 10%, it is **152, 115, 250**.

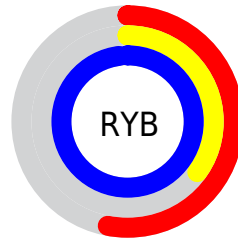
Distribution



Red (53%)

Green (35%)

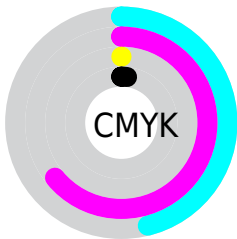
Blue (98%)



Red (53%)

Yellow (35%)

Blue (98%)

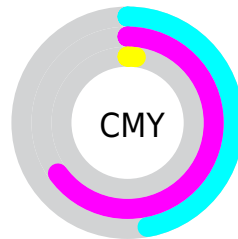


Cyan (46%)

Magenta (64%)

Yellow (0%)

Black (2%)



Cyan (47%)

Magenta (65%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 90, 250 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 134, 90, 250 by changing the saturation by 10% instead.

 134, 90, 250


 134, 90, 250


255, 255, 255

 103, 65, 221


 194, 142, 255

 71, 40, 192


 224, 169, 255

 31, 12, 164

 255, 197, 255

 0, 0, 137

 255, 226, 255

 0, 0, 111

 0, 0, 85

 0, 5, 61

 0, 3, 38

 0, 1, 15

■ 134, 90, 250

■ 134, 90, 250

■ 116, 65, 250

■ 152, 115, 250

■ 98, 40, 250

■ 170, 140, 250

■ 80, 15, 250

■ 188, 165, 250

■ 69, 0, 250

■ 207, 190, 250

■ 225, 215, 250

■ 243, 240, 250

■ 250, 255, 250

Harmonies

Analogous

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



0, 85, 255



134, 90, 250



223, 0, 186

Triad

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



134, 90, 250



196, 173, 0



0, 80, 152

Complementary

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



134, 90, 250



90, 250, 134

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, 110, 149



134, 90, 250



11, 134, 0

Square

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



134, 90, 250



239, 28, 31



0, 141, 106



0, 89, 214

Rectangle

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



134, 90, 250



248, 0, 135



0, 141, 106



0, 89, 152

Sweetspot

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



134, 90, 250



220, 207, 255



90, 158, 250



106, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



134, 90, 250



113, 59, 255



213, 90, 250



116, 112, 125



52, 0, 189



17, 0, 61

Inverse Universe

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



250, 90, 206



255, 59, 201



90, 250, 213



125, 112, 122



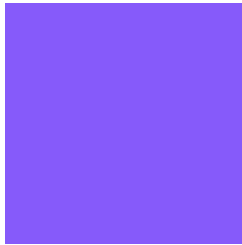
189, 0, 137



61, 0, 44

Previews

White Background



This preview shows how the RYB color 134, 90, 250 looks on a white background.

Color Contrast Check

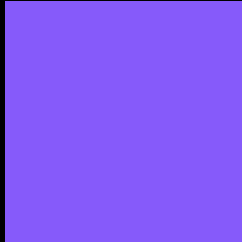
Large Text (above 18pt) WCAG AA ✓ Pass

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 134, 90, 250 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 134, 90, 250 Background



This preview shows how black text looks on a background with the RYB color 134, 90, 250.

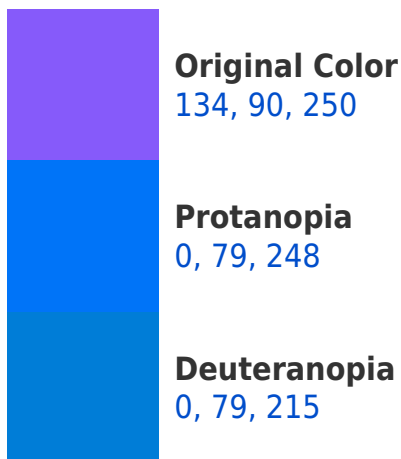



This preview shows how white text looks on a background with the RYB color 134, 90, 250.

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
103, 116, 134

Trichromacy



Original Color

134, 90, 250



Protanomaly

49, 94, 249



Deuteranomaly

49, 96, 228



Tritanomaly

114, 112, 176

Monochromacy



Original Color

134, 90, 250



Achromatopsia

121, 121, 121



Achromatomaly

126, 110, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 90, 250 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(134, 90, 250)` looks like.

```
.text, #text, p{  
    color:rgb(134, 90, 250)  
}
```

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(134, 90, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 90, 250) }
```

Border

The CSS property to change the border of an element to RYB 134, 90, 250 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(134, 90, 250) }
```

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

```
.border{ border-color:rgb(134, 90, 250) }
```

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

Here you see how a box with a 4 pixel rgb(134, 90, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 90, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 90, 250);  
box-shadow:4px 4px 4px 4px rgb(134, 90,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 134, 90, 250 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 90, 250) }
```

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

```
.background{ background-color: rgb(134, 90,  
250) }
```

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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