

Converting Colors

`RYB(135, 150, 244)`

Have a look what the booklet for
RYB(135, 150, 244) contains.

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Color

R_YB(135, 150, 244)

Conversions

Conversions Part 1

Format	Color
Hex	8798F4
RGB	135, 152, 244
RGB Percent	53%, 60%, 96%
CMY	0.4706, 0.4024, 0.0431
CMYK	0.45, 0.38, 0.00, 0.04
HSL	230°, 83%, 74%
HSV	230°, 45%, 96%
XYZ	37.6130, 34.2670, 90.2197
YIQ	157.4050, -39.6640, 25.0080

Conversions

Conversions Part 2

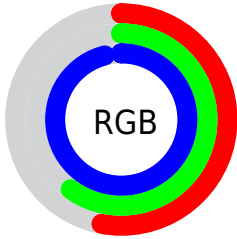
Format	Color
R _Y B	135, 150, 244
Decimal	8886516
CIE Lab	65.17, 17.20, -47.89
CIE LCh	65, 50.889, 289.754
Yxy	34.2670, 0.2320, 0.2114
Android (android.graphics.Color)	4287076596 (0xFF8798F4)
YUV	157.4050, 42.6913, -19.6492
Hunter-Lab	58.5380, 12.2519, -50.4020

Details

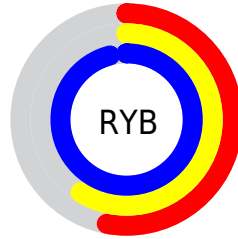
The RYB color **135, 150, 244** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **155, 244, 135**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **192, 203, 255**, and **78, 97, 187** is the 20% darker color. If you saturate the color by 10%, you get **111, 129, 244**, and if you desaturate by 10%, it is **159, 171, 244**.

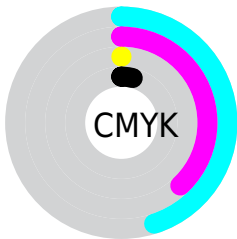
Distribution



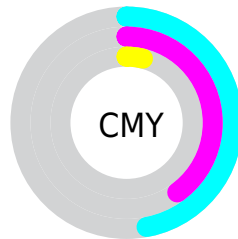
- Red (53%)
- Green (60%)
- Blue (96%)



- Red (53%)
- Yellow (59%)
- Blue (96%)



- Cyan (45%)
- Magenta (38%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (40%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 150, 244 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, 150, 244 by changing the saturation by 10% instead.

■ 135, 150, 244

255, 255, 255

■ 192, 203, 255

■ 222, 231, 255

■ 251, 253, 255

■ 135, 150, 244

■ 107, 124, 215

■ 78, 98, 187

■ 47, 71, 160

■ 0, 39, 133

■ 0, 26, 108

■ 0, 13, 83

■ 0, 5, 59

■ 0, 2, 36

■ 0, 0, 12

■ 135, 150, 244

■ 135, 150, 244

■ 111, 129, 244

■ 159, 171, 244

■ 86, 108, 244

■ 184, 192, 244

■ 62, 87, 244

■ 208, 213, 244

■ 37, 65, 244

■ 233, 234, 244

■ 13, 45, 244

■ 244, 255, 244

■ 0, 34, 244

Harmonies

Analogous

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



0, 100, 247



135, 150, 244



199, 134, 218

Triad

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



135, 150, 244



229, 152, 90



0, 101, 180

Complementary

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



135, 150, 244



155, 244, 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.



97, 175, 171



135, 150, 244



141, 198, 66

Square

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



135, 150, 244



243, 121, 130



68, 165, 78



0, 92, 188

Rectangle

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



135, 150, 244



226, 124, 191



68, 165, 78



47, 130, 179

Sweetspot

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



135, 150, 244



222, 226, 255



135, 194, 244



107, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



135, 150, 244



117, 136, 255



171, 135, 244



110, 112, 122



0, 26, 186



0, 8, 59

Inverse Universe

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



244, 135, 152



255, 117, 139



135, 244, 171



122, 110, 112



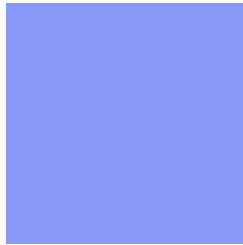
186, 0, 30



59, 0, 9

Previews

White Background



This preview shows how the RYB color 135, 150, 244 looks on a white background.

Color Contrast Check

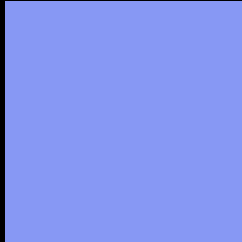
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 135, 150, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

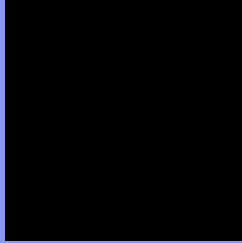
Any Text WCAG AA ✓ Pass

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](#).

RYB 135, 150, 244 Background



This preview shows how black text looks on a background with the RYB color 135, 150, 244.



This preview shows how white text looks on a background with the RYB color 135, 150, 244.

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



Original Color
135, 150, 244

Protanopia
124, 149, 246

Deuteranopia
115, 147, 243



Tritanopia
117, 144, 179

Trichromacy



Original Color
135, 150, 244

Protanomaly
128, 149, 245

Deuteranomaly
122, 148, 243

Tritanomaly
124, 149, 203

Monochromacy



Original Color
135, 150, 244

Achromatopsia
158, 158, 158

Achromatomaly
150, 155, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 150, 244 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, 152, 244)` looks like.

```
.text, #text, p{  
    color:rgb(135, 152, 244)  
}
```

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, 152, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 152, 244) }
```

Border

The CSS property to change the border of an element to RYB 135, 150, 244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

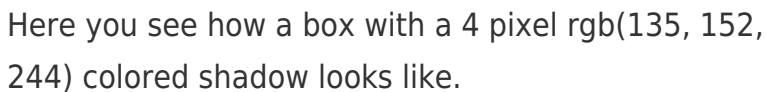
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 152, 244) }
```

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

```
.border{ border-color:rgb(135, 152, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 152, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 152, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 152, 244); box-shadow:4px 4px 4px 4px rgb(135, 152, 244) }
```

Background

The CSS property to change the background color of an element to RYB 135, 150, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 152, 244) }
```

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

```
.background{ background-color: rgb(135,  
152, 244) }
```

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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