

Converting Colors

`RYB(135, 149, 237)`

Have a look what the booklet for
RYB(135, 149, 237) contains.

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Color

`RYB(135, 149, 237)`

Conversions

Conversions Part 1

Format	Color
Hex	8797ED
RGB	135, 151, 237
RGB Percent	53%, 59%, 93%
CMY	0.4706, 0.4070, 0.0706
CMYK	0.43, 0.36, 0.00, 0.07
HSL	230°, 74%, 73%
HSV	230°, 43%, 93%
XYZ	36.3810, 33.4718, 84.6640
YIQ	156.0200, -37.1420, 23.3540

Conversions

Conversions Part 2

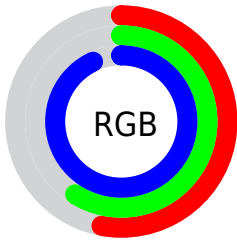
Format	Color
RYB	135, 149, 237
Decimal	8886253
CIELab	64.54, 15.88, -45.05
CIELCh	65, 47.763, 289.413
Yxy	33.4718, 0.2355, 0.2166
Android (android.graphics.Color)	4287076333 (0xFF8797ED)
YUV	156.0200, 39.9231, -18.4345
Hunter-Lab	57.8548, 11.0007, -46.2659

Details

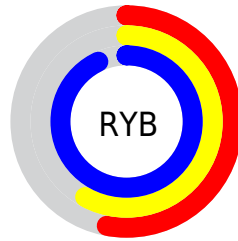
The RYB color **135, 149, 237** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **154, 237, 135**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **192, 203, 255**, and **79, 96, 181** is the 20% darker color. If you saturate the color by 10%, you get **111, 128, 237**, and if you desaturate by 10%, it is **159, 169, 237**.

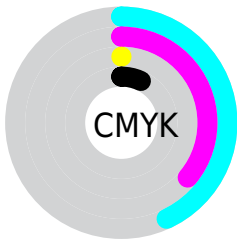
Distribution



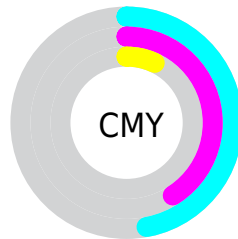
- Red (53%)
- Green (59%)
- Blue (93%)



- Red (53%)
- Yellow (58%)
- Blue (93%)



- Cyan (43%)
- Magenta (36%)
- Yellow (0%)
- Black (7%)



- Cyan (47%)
- Magenta (41%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 149, 237 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, 149, 237 by changing the saturation by 10% instead.

 135, 149, 237


255, 255, 255

 192, 203, 255

 221, 230, 255

 251, 253, 255

 135, 149, 237


 107, 122, 208

 79, 97, 181

 49, 71, 153

 7, 41, 127

 0, 26, 102

 0, 11, 77

 0, 5, 54

 0, 2, 31

 0, 0, 3

■ 135, 149, 237

■ 135, 149, 237

■ 111, 128, 237

■ 159, 169, 237

■ 88, 108, 237

■ 182, 190, 237

■ 64, 87, 237

■ 206, 210, 237

■ 40, 68, 237

■ 230, 231, 237

■ 16, 47, 237

■ 239, 253, 237

■ 0, 33, 237

■ 237, 255, 237

Harmonies

Analogous

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



15, 105, 240



135, 149, 237



194, 134, 212

Triad

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



135, 149, 237



224, 151, 93



9, 104, 177

Complementary

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



135, 149, 237



154, 237, 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.



99, 172, 166



135, 149, 237



144, 195, 71

Square

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



135, 149, 237



237, 122, 130



73, 163, 82



0, 90, 183

Rectangle

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



135, 149, 237



220, 125, 187



73, 163, 82



59, 134, 176

Sweetspot

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



135, 149, 237



222, 226, 255



135, 191, 237



107, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



135, 149, 237



122, 140, 255



169, 135, 237



106, 107, 117



0, 25, 181



0, 8, 54

Inverse Universe

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



237, 135, 151



255, 122, 143



135, 237, 169



117, 106, 107



181, 0, 29



54, 0, 9

Previews

White Background



This preview shows how the RYB color 135, 149, 237 looks on a white background.

Color Contrast Check

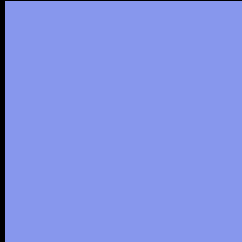
Large Text (above 18pt) WCAG AA × Fail

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, 149, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

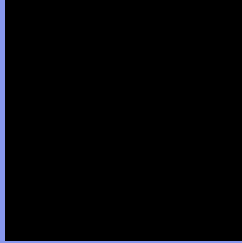
Any Text WCAG AA ✓ Pass

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, 149, 237 Background



This preview shows how black text looks on a background with the RYB color 135, 149, 237.



This preview shows how white text looks on a background with the RYB color 135, 149, 237.

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, 149, 237

Protanopia
126, 148, 239

Deuteranopia
118, 147, 236



Tritanopia
119, 144, 177

Trichromacy



Original Color
135, 149, 237

Protanomaly
129, 148, 238

Deuteranomaly
124, 148, 236

Tritanomaly
125, 148, 199

Monochromacy



Original Color
135, 149, 237

Achromatopsia
156, 156, 156

Achromatomaly
148, 153, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 149, 237 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, 151, 237)` looks like.

```
.text, #text, p{  
    color:rgb(135, 151, 237)  
}
```

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, 151, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 151, 237) }
```

Border

The CSS property to change the border of an element to RYB 135, 149, 237 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, 151, 237) }
```

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

```
.border{ border-color:rgb(135, 151, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 151, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 151, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 151, 237);  
box-shadow:4px 4px 4px 4px rgb(135, 151,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 135, 149, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 151, 237) }
```

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

```
.background{ background-color: rgb(135,  
151, 237) }
```

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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