

Converting Colors

`RYB(135, 151, 226)`

Have a look what the booklet for
RYB(135, 151, 226) contains.

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Color

R_YB(135, 151, 226)

Conversions

Conversions Part 1

Format	Color
Hex	879AE2
RGB	135, 154, 226
RGB Percent	53%, 60%, 89%
CMY	0.4706, 0.3945, 0.1137
CMYK	0.40, 0.32, 0.00, 0.11
HSL	227°, 61%, 71%
HSV	227°, 40%, 89%
XYZ	35.3431, 33.8898, 76.6301
YIQ	156.5270, -34.4360, 18.3640

Conversions

Conversions Part 2

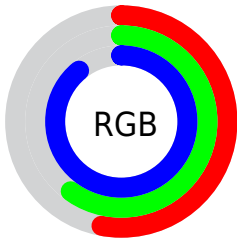
Format	Color
RYB	135, 151, 226
Decimal	8887010
CIELab	64.87, 10.95, -38.46
CIELCh	65, 39.989, 285.893
Yxy	33.8898, 0.2423, 0.2323
Android (android.graphics.Color)	4287077090 (0xFF879AE2)
YUV	156.5270, 34.2502, -18.8792
Hunter-Lab	58.2149, 6.4937, -37.2948

Details

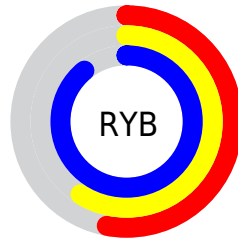
The RYB color **135, 151, 226** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **159, 226, 135**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **191, 204, 255**, and **80, 98, 170** is the 20% darker color. If you saturate the color by 10%, you get **112, 133, 226**, and if you desaturate by 10%, it is **158, 170, 226**.

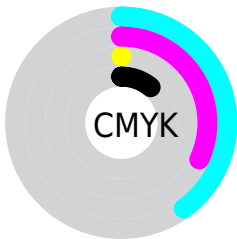
Distribution



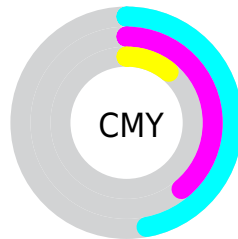
- Red (53%)
- Green (60%)
- Blue (89%)



- Red (53%)
- Yellow (59%)
- Blue (89%)



- Cyan (40%)
- Magenta (32%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (39%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 151, 226 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, 151, 226 by changing the saturation by 10% instead.

 135, 151, 226

255, 255, 255

 191, 205, 255

 220, 231, 255

 249, 252, 255

 135, 151, 226


 108, 125, 198

 80, 99, 170

 52, 73, 144

 19, 46, 118

 0, 26, 93

 0, 12, 69


 0, 3, 46


 0, 1, 24


 0, 0, 0


 135, 151, 226

 135, 151, 226

 112, 133, 226

 158, 170, 226

 90, 114, 226

 180, 188, 226

 67, 95, 226

 203, 207, 226

 45, 76, 226

 225, 226, 226

 22, 58, 226

 232, 248, 226

 0, 40, 226

 226, 255, 226

Harmonies

Analogous

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



65, 127, 226



135, 151, 226



185, 141, 207

Triad

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



135, 151, 226



218, 147, 108



71, 134, 175

Complementary

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



135, 151, 226



159, 226, 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.



106, 170, 155



135, 151, 226



169, 195, 88

Square

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



135, 151, 226



226, 129, 140



87, 161, 87



0, 88, 176

Rectangle

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



135, 151, 226



208, 133, 187



87, 161, 87



90, 148, 174

Sweetspot

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



135, 151, 226



224, 230, 255



135, 186, 226



110, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



135, 151, 226



133, 154, 255



161, 135, 226



101, 103, 112



0, 31, 176



0, 8, 48

Inverse Universe

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



226, 135, 154



255, 133, 159



135, 226, 161



112, 101, 103



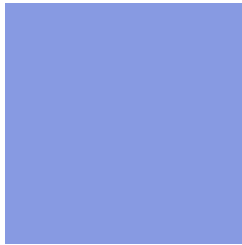
176, 0, 38



48, 0, 10

Previews

White Background



This preview shows how the RYB color 135, 151, 226 looks on a white background.

Color Contrast Check

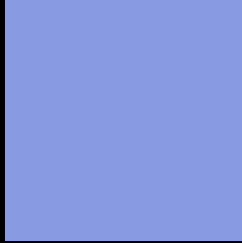
Large Text (above 18pt) WCAG AA × Fail

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, 151, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

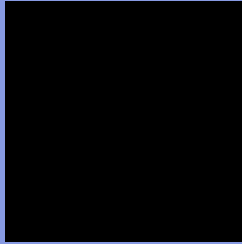
Any Text WCAG AA ✓ Pass

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, 151, 226 Background



This preview shows how black text looks on a background with the RYB color 135, 151, 226.



This preview shows how white text looks on a background with the RYB color 135, 151, 226.

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, 151, 226

Protanopia
134, 151, 226

Deuteranopia
130, 150, 226



Tritanopia
123, 146, 177

Trichromacy



Original Color
135, 151, 226

Protanomaly
134, 151, 226

Deuteranomaly
132, 150, 226

Tritanomaly
127, 150, 195

Monochromacy



Original Color
135, 151, 226

Achromatopsia
157, 157, 157

Achromatomaly
149, 155, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 151, 226 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, 154, 226)` looks like.

```
.text, #text, p{  
    color:rgb(135, 154, 226)  
}
```

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, 154, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 154, 226) }
```

Border

The CSS property to change the border of an element to RYB 135, 151, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

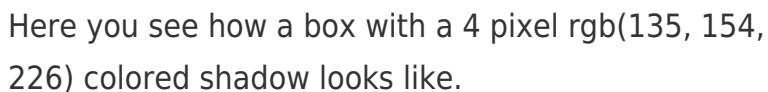
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 154, 226) }
```

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

```
.border{ border-color:rgb(135, 154, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 154, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 154, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 154, 226); box-shadow:4px 4px 4px 4px rgb(135, 154, 226) }
```

Background

The CSS property to change the background color of an element to RYB 135, 151, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 154, 226) }
```

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

```
.background{ background-color: rgb(135,  
154, 226) }
```

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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