

Converting Colors

`RYB(131, 149, 208)`

Have a look what the booklet for
RYB(131, 149, 208) contains.

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Color

R_YB(131, 149, 208)

Conversions

Conversions Part 1

Format	Color
Hex	839AD0
RGB	131, 154, 208
RGB Percent	51%, 60%, 82%
CMY	0.4863, 0.3942, 0.1843
CMYK	0.37, 0.26, 0.00, 0.18
HSL	222°, 45%, 66%
HSV	222°, 37%, 82%
XYZ	32.3821, 32.6532, 64.2705
YIQ	153.2790, -31.0420, 11.9180

Conversions

Conversions Part 2

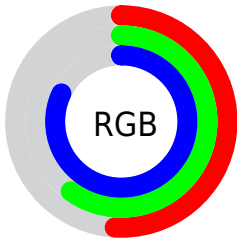
Format	Color
R_{YB}	131, 149, 208
Decimal	8624848
CIE _{Lab}	63.88, 4.91, -30.05
CIE _{LCh}	64, 30.446, 279.277
Yxy	32.6532, 0.2504, 0.2525
Android (android.graphics.Color)	4286814928 (0xFF839AD0)
YUV	153.2790, 26.9775, -19.5387
Hunter-Lab	57.1429, 1.1534, -26.6853

Details

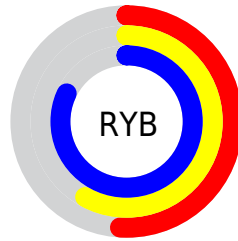
The RYB color **131, 149, 208** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **164, 208, 131**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **186, 203, 255**, and **78, 97, 153** is the 20% darker color. If you saturate the color by 10%, you get **110, 133, 208**, and if you desaturate by 10%, it is **152, 165, 208**.

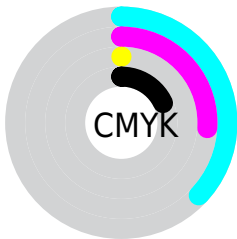
Distribution



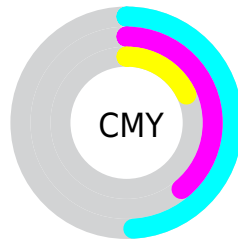
- Red (51%)
- Green (60%)
- Blue (82%)



- Red (51%)
- Yellow (58%)
- Blue (82%)



- Cyan (37%)
- Magenta (26%)
- Yellow (0%)
- Black (18%)




- Cyan (49%)
- Magenta (39%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 149, 208 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 131, 149, 208 by changing the saturation by 10% instead.


 131, 149, 208


255, 255, 255

 186, 203, 255

 214, 229, 255

 243, 249, 255

 131, 149, 208


 104, 123, 180

 78, 97, 153

 52, 72, 127

 22, 46, 102

 0, 25, 78

 0, 11, 55

 0, 2, 33

 0, 0, 5

 0, 0, 0

■ 131, 149, 208

■ 131, 149, 208

■ 110, 133, 208

■ 152, 165, 208

■ 89, 117, 208

■ 173, 181, 208

■ 69, 101, 208

■ 193, 197, 208

■ 48, 86, 208

■ 211, 214, 208

■ 27, 69, 208

■ 219, 235, 208

■ 6, 53, 208

■ 228, 255, 208

■ 0, 48, 208

■ 208, 255, 208

Harmonies

Analogous

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



89, 134, 205



131, 149, 208



169, 145, 197

Triad

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



131, 149, 208



205, 142, 122



103, 147, 168

Complementary

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



131, 149, 208



164, 208, 131

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.



112, 163, 140



131, 149, 208



190, 188, 105

Square

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



131, 149, 208



208, 134, 147



111, 165, 101



73, 123, 170

Rectangle

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



131, 149, 208



189, 139, 183



111, 165, 101



114, 157, 167

Sweetspot

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



131, 149, 208



227, 234, 255



131, 177, 208



111, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



131, 149, 208



143, 169, 255



145, 131, 208



94, 96, 105



0, 39, 168



0, 9, 41

Inverse Universe

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



208, 131, 154



255, 143, 177



131, 208, 145



105, 94, 97



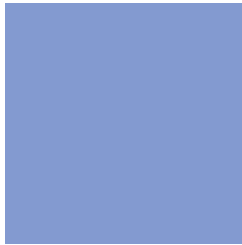
168, 0, 51



41, 0, 12

Previews

White Background



This preview shows how the RYB color 131, 149, 208 looks on a white background.

Color Contrast Check

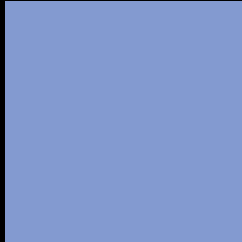
Large Text (above 18pt) WCAG AA × Fail

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 131, 149, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

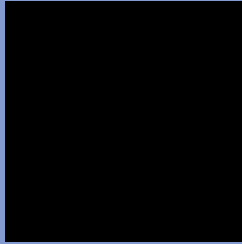
Any Text WCAG AA ✓ Pass

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 131, 149, 208 Background



This preview shows how black text looks on a background with the RYB color 131, 149, 208.



This preview shows how white text looks on a background with the RYB color 131, 149, 208.

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


131, 149, 208

Protanopia

139, 150, 206

Deuteranopia

139, 150, 208



Tritanopia
123, 145, 174

Trichromacy



Original Color

131, 149, 208

Protanomaly

136, 150, 207

Deuteranomaly

136, 150, 208

Tritanomaly

126, 147, 186

Monochromacy



Original Color

131, 149, 208

Achromatopsia

154, 154, 154

Achromatomaly

146, 152, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 149, 208 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(131, 154, 208)` looks like.

```
.text, #text, p{  
    color:rgb(131, 154, 208)  
}
```

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(131, 154, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 154, 208) }
```

Border

The CSS property to change the border of an element to RYB 131, 149, 208 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(131, 154, 208) }
```

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

```
.border{ border-color:rgb(131, 154, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 154, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 154, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 154, 208);  
box-shadow:4px 4px 4px 4px rgb(131, 154,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 131, 149, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 154, 208) }
```

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

```
.background{ background-color: rgb(131,  
154, 208) }
```

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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