

Converting Colors

`RYB(191, 194, 248)`

Have a look what the booklet for RYB(191, 194, 248) contains.

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Color

R_YB(191, 194, 248)

Conversions

Conversions Part 1

Format	Color
Hex	BFC2F8
RGB	191, 194, 248
RGB Percent	75%, 76%, 97%
CMY	0.2510, 0.2386, 0.0275
CMYK	0.23, 0.22, 0.00, 0.03
HSL	237°, 80%, 86%
HSV	237°, 23%, 97%
XYZ	57.7580, 56.5115, 96.6706
YIQ	199.2590, -19.1220, 16.1580

Conversions

Conversions Part 2

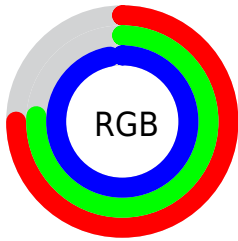
Format	Color
RYB	191, 194, 248
Decimal	12567288
CIELab	79.90, 10.13, -26.87
CIELCh	80, 28.718, 290.652
Yxy	56.5115, 0.2738, 0.2679
Android (android.graphics.Color)	4290757368 (0xFFBFC2F8)
YUV	199.2590, 24.0293, -7.2431
Hunter-Lab	75.1741, 5.5910, -23.6224

Details

The RYB color **191, 194, 248** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **194, 248, 191**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **248, 250, 255**, and **137, 141, 191** is the 20% darker color. If you saturate the color by 10%, you get **166, 171, 248**, and if you desaturate by 10%, it is **216, 218, 248**.

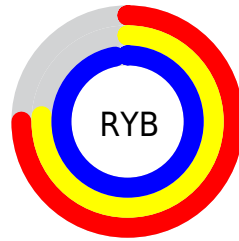
Distribution



Red (75%)

Green (76%)

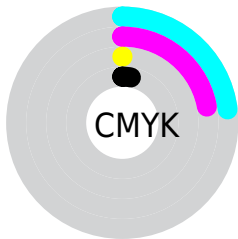
Blue (97%)



Red (75%)

Yellow (76%)

Blue (97%)

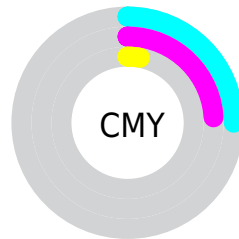


Cyan (23%)

Magenta (22%)

Yellow (0%)

Black (3%)



Cyan (25%)

Magenta (24%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 194, 248 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 191, 194, 248 by changing the saturation by 10% instead.

■ 191, 194, 248

255, 255, 255

■ 248, 250, 255

■ 191, 194, 248

■ 163, 167, 219

■ 137, 141, 191

■ 110, 115, 164

■ 85, 90, 138

■ 60, 66, 112

■ 36, 44, 88

■ 8, 21, 64

■ 0, 0, 42

■ 0, 1, 20

■ 191, 194, 248

■ 191, 194, 248

■ 166, 171, 248

■ 216, 218, 248

■ 141, 147, 248

■ 241, 241, 248

■ 117, 124, 248

■ 248, 255, 248

■ 92, 100, 248

■ 67, 76, 248

■ 42, 53, 248

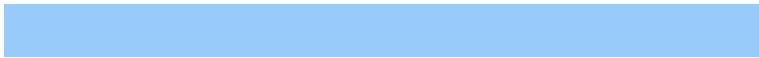
■ 17, 29, 248

■ 0, 13, 248

Harmonies

Analogous

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



153, 186, 250



191, 194, 248



224, 185, 232

Triad

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



191, 194, 248



245, 197, 158



139, 184, 213

Complementary

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



191, 194, 248



194, 248, 191

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.



163, 209, 204



191, 194, 248



202, 226, 146

Square

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



191, 194, 248



253, 179, 180



148, 202, 152



120, 167, 216

Rectangle

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



191, 194, 248



240, 181, 216



148, 202, 152



148, 191, 212

Sweetspot

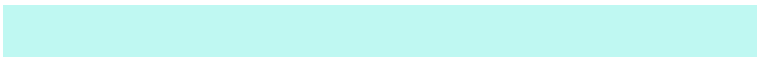
The Sweet Spot groups the original color and five complimentary colors.



191, 194, 248



237, 238, 255



191, 221, 248



117, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



191, 194, 248



184, 188, 255



216, 191, 248



112, 113, 125



0, 9, 189



0, 3, 61

Inverse Universe

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



248, 191, 194



255, 184, 188



191, 248, 216



125, 112, 113



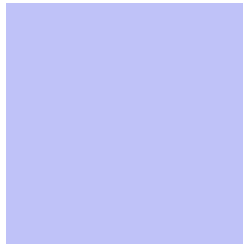
189, 0, 10



61, 0, 3

Previews

White Background



This preview shows how the RYB color 191, 194, 248 looks on a white background.

Color Contrast Check

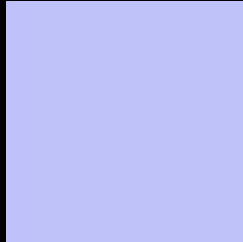
Large Text (above 18pt) WCAG AA × Fail

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 191, 194, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

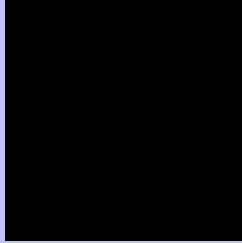
Any Text WCAG AA ✓ Pass

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 191, 194, 248 Background



This preview shows how black text looks on a background with the RYB color 191, 194, 248.

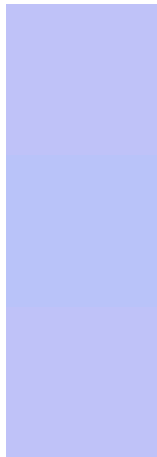


This preview shows how white text looks on a background with the RYB color 191, 194, 248.

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](#).

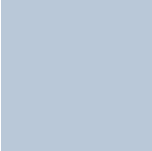
Dichromacy



Original Color
191, 194, 248

Protanopia
185, 194, 249

Deuteranopia
191, 194, 248



Tritanopia
185, 195, 216

Trichromacy



Original Color

191, 194, 248

Protanomaly

187, 194, 249

Deuteranomaly

191, 194, 248

Tritanomaly

187, 196, 228

Monochromacy



Original Color

191, 194, 248

Achromatopsia

199, 199, 199

Achromatomaly

196, 197, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 194, 248 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(191, 194, 248)` looks like.

```
.text, #text, p{  
    color:rgb(191, 194, 248)  
}
```

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(191, 194, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 194, 248) }
```

Border

The CSS property to change the border of an element to RYB 191, 194, 248 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(191, 194, 248) }
```

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

```
.border{ border-color:rgb(191, 194, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 194, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 194, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 194, 248);  
box-shadow:4px 4px 4px 4px rgb(191, 194,  
248) }
```

Background

The CSS property to change the background color of an element to RYB 191, 194, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 194, 248) }
```

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

```
.background{ background-color: rgb(191,  
194, 248) }
```

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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