

Converting Colors

`RYB(192, 202, 234)`

Have a look what the booklet for
RYB(192, 202, 234) contains.

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Color

R_YB(192, 202, 234)

Conversions

Conversions Part 1

Format	Color
Hex	C0CDEA
RGB	192, 205, 234
RGB Percent	75%, 80%, 92%
CMY	0.2471, 0.1956, 0.0824
CMYK	0.18, 0.12, 0.00, 0.08
HSL	221°, 50%, 84%
HSV	221°, 18%, 92%
XYZ	58.4507, 60.8695, 86.5102
YIQ	204.4190, -17.0570, 6.2630

Conversions

Conversions Part 2

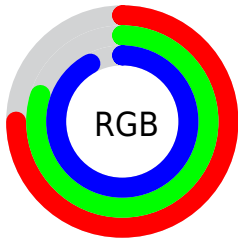
Format	Color
R _Y B	192, 202, 234
Decimal	12635626
CIE Lab	82.31, 1.45, -15.74
CIE LCh	82, 15.808, 275.265
Yxy	60.8695, 0.2840, 0.2957
Android (android.graphics.Color)	4290825706 (0xFFC0CDEA)
YUV	204.4190, 14.5834, -10.8915
Hunter-Lab	78.0189, -2.8031, -11.1297

Details

The RYB color **192, 202, 234** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **211, 234, 192**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **249, 252, 255**, and **138, 148, 178** is the 20% darker color. If you saturate the color by 10%, you get **169, 184, 234**, and if you desaturate by 10%, it is **215, 220, 234**.

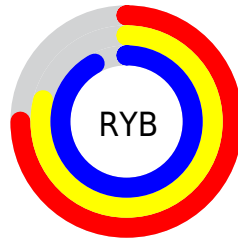
Distribution



Red (75%)

Green (80%)

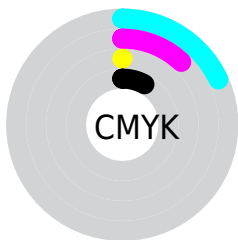
Blue (92%)



Red (75%)

Yellow (79%)

Blue (92%)

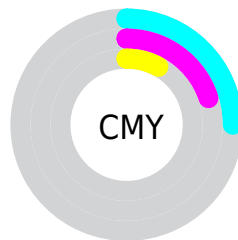


Cyan (18%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (25%)

Magenta (20%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 202, 234 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 192, 202, 234 by changing the saturation by 10% instead.

■ 192, 202, 234

255, 255, 255

■ 249, 252, 255

■ 192, 202, 234

■ 165, 175, 206

■ 138, 148, 178

■ 112, 122, 151

■ 87, 97, 126

■ 63, 73, 101

■ 40, 50, 77

■ 17, 28, 54

■ 0, 7, 33

■ 0, 0, 6

■ 192, 202, 234

■ 192, 202, 234

■ 169, 184, 234

■ 215, 220, 234

■ 145, 166, 234

■ 237, 239, 234

■ 122, 149, 234

■ 236, 255, 234

■ 98, 131, 234

■ 234, 255, 234

■ 75, 113, 234

■ 52, 95, 234

■ 28, 77, 234

■ 5, 59, 234

■ 0, 56, 234

Harmonies

Analogous

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



175, 197, 231



192, 202, 234



211, 200, 229

Triad

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



192, 202, 234



236, 198, 188



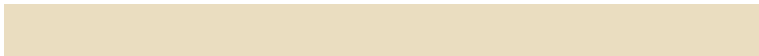
181, 204, 212

Complementary

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



192, 202, 234



211, 234, 192

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.



180, 209, 192



192, 202, 234



228, 217, 178

Square

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



192, 202, 234



235, 195, 203



187, 214, 175



169, 193, 214

Rectangle

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



192, 202, 234



222, 197, 222



187, 214, 175



186, 210, 211

Sweetspot

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



192, 202, 234



242, 245, 255



192, 217, 234



120, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 202, 234



199, 212, 255



200, 192, 234



106, 108, 117



0, 43, 181



0, 13, 54

Inverse Universe

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



234, 192, 205



255, 199, 216



192, 234, 200



117, 106, 109



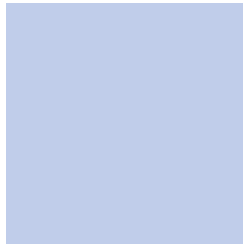
181, 0, 57



54, 0, 17

Previews

White Background



This preview shows how the RYB color 192, 202, 234 looks on a white background.

Color Contrast Check

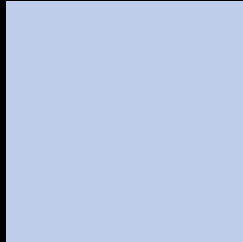
Large Text (above 18pt) WCAG AA × Fail

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 192, 202, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

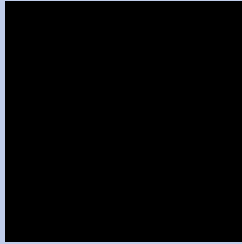
Any Text WCAG AA ✓ Pass

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 192, 202, 234 Background



This preview shows how black text looks on a background with the RYB color 192, 202, 234.



This preview shows how white text looks on a background with the RYB color 192, 202, 234.

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
192, 202, 234

Protanopia
200, 203, 233

Deuteranopia
210, 199, 235



Tritanopia
190, 201, 223

Trichromacy



Original Color
192, 202, 234

Protanomaly
197, 203, 233

Deuteranomaly
203, 201, 235

Tritanomaly
191, 202, 227

Monochromacy



Original Color
192, 202, 234

Achromatopsia
204, 204, 204

Achromatomaly
200, 203, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 202, 234 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(192, 205, 234)` looks like.

```
.text, #text, p{  
    color:rgb(192, 205, 234)  
}
```

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(192, 205, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 205, 234) }
```

Border

The CSS property to change the border of an element to RYB 192, 202, 234 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(192, 205, 234) }
```

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

```
.border{ border-color:rgb(192, 205, 234) }
```

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

Here you see how a box with a 4 pixel rgb(192, 205, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 205, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 205, 234);  
box-shadow:4px 4px 4px 4px rgb(192, 205,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 192, 202, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 205, 234) }
```

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

```
.background{ background-color: rgb(192,  
205, 234) }
```

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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