

Converting Colors

`RYB(192, 202, 254)`

Have a look what the booklet for
RYB(192, 202, 254) contains.

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Color

`RYB(192, 202, 254)`

Conversions

Conversions Part 1

Format	Color
Hex	C0CCFE
RGB	192, 204, 254
RGB Percent	75%, 80%, 100%
CMY	0.2471, 0.2003, 0.0039
CMYK	0.24, 0.20, 0.00, 0.00
HSL	228°, 97%, 87%
HSV	228°, 24%, 100%
XYZ	61.2022, 61.5114, 102.4131
YIQ	206.1120, -23.2020, 13.0060

Conversions

Conversions Part 2

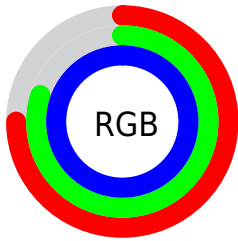
Format	Color
R _Y B	192, 202, 254
Decimal	12635390
CIE Lab	82.65, 6.54, -25.87
CIE LCh	83, 26.679, 284.180
Yxy	61.5114, 0.2719, 0.2732
Android (android.graphics.Color)	4290825470 (0xFFC0CCFE)
YUV	206.1120, 23.6088, -12.3762
Hunter-Lab	78.4292, 2.0413, -22.5206

Details

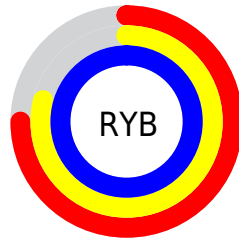
The RYB color **192, 202, 254** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **207, 254, 192**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **249, 252, 255**, and **137, 148, 197** is the 20% darker color. If you saturate the color by 10%, you get **167, 181, 254**, and if you desaturate by 10%, it is **217, 223, 254**.

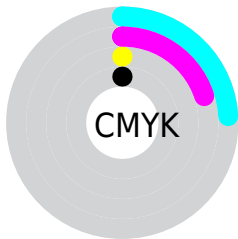
Distribution



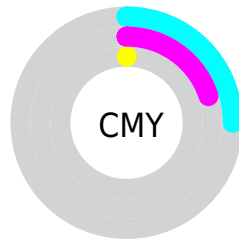
- Red (75%)
- Green (80%)
- Blue (100%)



- Red (75%)
- Yellow (79%)
- Blue (100%)



- Cyan (24%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 202, 254 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, 254 by changing the saturation by 10% instead.

■ 192, 202, 254

255, 255, 255

■ 249, 252, 255

■ 192, 202, 254

■ 164, 175, 225

■ 137, 148, 197

■ 111, 122, 170

■ 86, 97, 143

■ 61, 73, 117

■ 36, 49, 93

■ 7, 25, 69

■ 0, 7, 46

■ 0, 1, 25

■ 192, 202, 254

■ 192, 202, 254

■ 167, 181, 254

■ 217, 223, 254

■ 141, 159, 254

■ 243, 245, 254

■ 116, 138, 254

254, 255, 254

■ 90, 117, 254

■ 65, 95, 254

■ 40, 74, 254

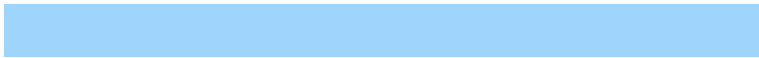
■ 14, 53, 254

■ 0, 41, 254

Harmonies

Analogous

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



159, 193, 253



192, 202, 254



224, 195, 242

Triad

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



192, 202, 254



253, 199, 172



156, 197, 219

Complementary

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



192, 202, 254



207, 254, 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.



169, 215, 200



192, 202, 254



228, 237, 158

Square

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



192, 202, 254



255, 188, 195



161, 212, 157



137, 179, 220

Rectangle

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



192, 202, 254



241, 191, 228



161, 212, 157



165, 205, 218

Sweetspot

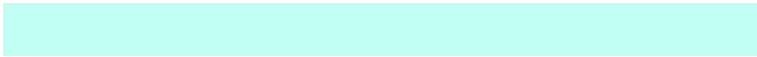
The Sweet Spot groups the original color and five complimentary colors.



192, 202, 254



237, 240, 255



192, 226, 254



117, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 202, 254



181, 193, 255



211, 192, 254



115, 117, 128



0, 31, 191



0, 10, 64

Inverse Universe

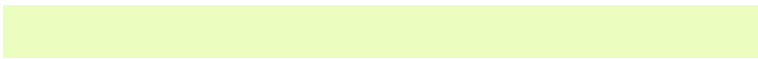
The Inverse Universe completely reimagines the original color for something new.



254, 192, 204



255, 181, 195



192, 254, 211



128, 115, 117



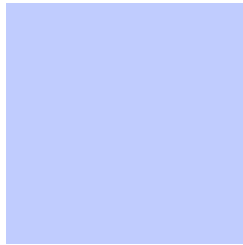
191, 0, 37



64, 0, 12

Previews

White Background



This preview shows how the RYB color 192, 202, 254 looks on a white background.

Color Contrast Check

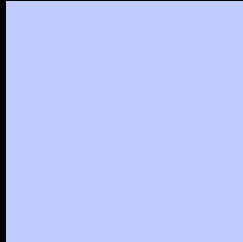
Large Text (above 18pt) WCAG AA × Fail

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, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

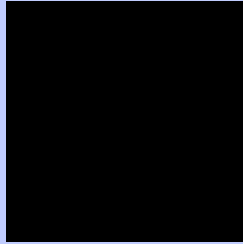
Any Text WCAG AA ✓ Pass

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, 254 Background



This preview shows how black text looks on a background with the RYB color 192, 202, 254.



This preview shows how white text looks on a background with the RYB color 192, 202, 254.

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, 254

Protanopia
194, 202, 254

Deuteranopia
200, 201, 255



Tritanopia
186, 201, 226

Trichromacy



Original Color

192, 202, 254

Protanomaly

193, 202, 254

Deuteranomaly

197, 202, 255

Tritanomaly

188, 202, 236

Monochromacy



Original Color

192, 202, 254

Achromatopsia

206, 206, 206

Achromatomaly

201, 204, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 202, 254 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, 204, 254)` looks like.

```
.text, #text, p{  
    color:rgb(192, 204, 254)  
}
```

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, 204, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 204, 254) }
```

Border

The CSS property to change the border of an element to RYB 192, 202, 254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

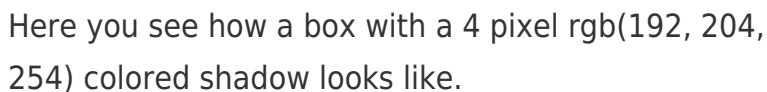
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 204, 254) }
```

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

```
.border{ border-color:rgb(192, 204, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 204, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 204, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 204, 254); box-shadow:4px 4px 4px 4px rgb(192, 204, 254) }
```

Background

The CSS property to change the background color of an element to RYB 192, 202, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 204, 254) }
```

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

```
.background{ background-color: rgb(192,  
204, 254) }
```

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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