

Converting Colors

`RYB(192, 207, 242)`

Have a look what the booklet for
RYB(192, 207, 242) contains.

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Color

R_YB(192, 207, 242)

Conversions

Conversions Part 1

Format	Color
Hex	C0D5F2
RGB	192, 213, 242
RGB Percent	75%, 84%, 95%
CMY	0.2471, 0.1630, 0.0510
CMYK	0.21, 0.12, 0.00, 0.05
HSL	214°, 66%, 85%
HSV	214°, 21%, 95%
XYZ	61.6674, 65.4217, 93.3818
YIQ	210.0270, -21.8250, 4.5670

Conversions

Conversions Part 2

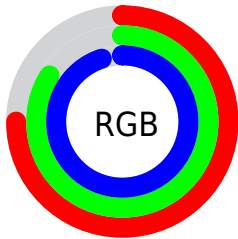
Format	Color
R_{YB}	192, 207, 242
Decimal	12637682
CIE _{Lab}	84.70, -1.20, -16.40
CIE _{LCh}	85, 16.441, 265.818
Yxy	65.4217, 0.2797, 0.2967
Android (android.graphics.Color)	4290827762 (0xFFC0D5F2)
YUV	210.0270, 15.7627, -15.8097
Hunter-Lab	80.8837, -5.4542, -11.8329

Details

The RYB color **192, 207, 242** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **228, 242, 192**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **249, 252, 255**, and **138, 152, 186** is the 20% darker color. If you saturate the color by 10%, you get **168, 190, 242**, and if you desaturate by 10%, it is **216, 224, 242**.

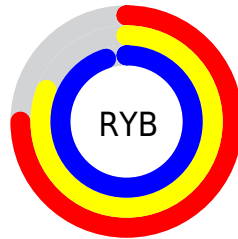
Distribution



Red (75%)

Green (84%)

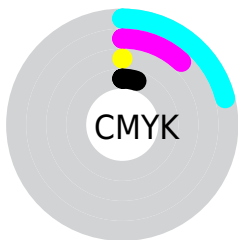
Blue (95%)



Red (75%)

Yellow (81%)

Blue (95%)

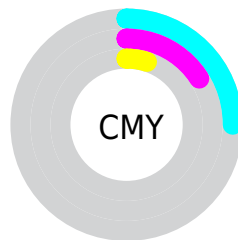


Cyan (21%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 207, 242 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, 207, 242 by changing the saturation by 10% instead.

■ 192, 207, 242

255, 255, 255

■ 249, 252, 255

■ 192, 207, 242

■ 165, 180, 214

■ 138, 153, 186

■ 112, 127, 159

■ 87, 101, 133

■ 62, 76, 107

■ 39, 53, 83

■ 14, 30, 60

■ 0, 12, 38

■ 0, 1, 16

■ 192, 207, 242

■ 192, 207, 242

■ 168, 190, 242

■ 216, 224, 242

■ 144, 173, 242

■ 240, 241, 242

■ 119, 156, 242

■ 242, 255, 242

■ 95, 139, 242

■ 71, 122, 242

■ 47, 105, 242

■ 23, 89, 242

■ 0, 73, 242

Harmonies

Analogous

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



177, 201, 237



192, 207, 242



212, 208, 239

Triad

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



192, 207, 242



245, 201, 199



192, 216, 218

Complementary

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



192, 207, 242



228, 242, 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.



183, 215, 189



192, 207, 242



239, 216, 186

Square

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



192, 207, 242



242, 201, 214



206, 226, 181



177, 202, 221

Rectangle

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



192, 207, 242



224, 205, 233



206, 226, 181



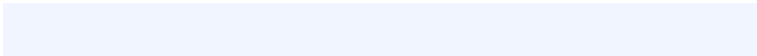
190, 217, 210

Sweetspot

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



192, 207, 242



240, 244, 255



192, 224, 242



119, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 207, 242



191, 210, 255



195, 192, 242



108, 112, 120



0, 55, 184



0, 17, 56

Inverse Universe

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



242, 192, 213



255, 191, 219



192, 242, 195



120, 108, 113



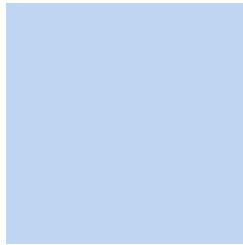
184, 0, 79



56, 0, 24

Previews

White Background



This preview shows how the RYB color 192, 207, 242 looks on a white background.

Color Contrast Check

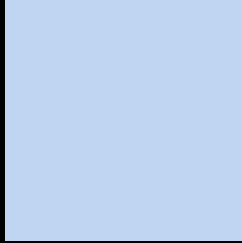
Large Text (above 18pt) WCAG AA × Fail

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, 207, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

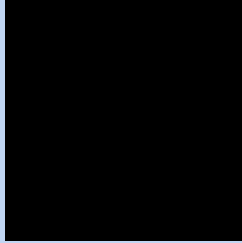
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

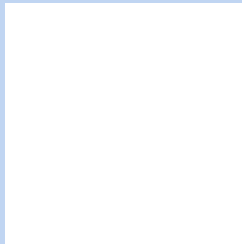
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 192, 207, 242 Background



This preview shows how black text looks on a background with the RYB color 192, 207, 242.



This preview shows how white text looks on a background with the RYB color 192, 207, 242.

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](#).

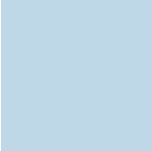
Dichromacy



Original Color
192, 207, 242

Protanopia
206, 210, 239

Deuteranopia
216, 206, 244



Tritanopia
190, 206, 232

Trichromacy



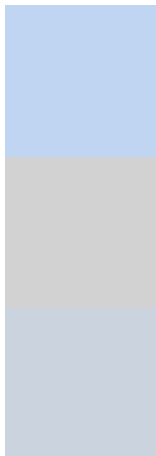
Original Color
192, 207, 242

Protanomaly
201, 209, 240

Deuteranomaly
207, 209, 243

Tritanomaly
191, 206, 236

Monochromacy



Original Color
192, 207, 242

Achromatopsia
210, 210, 210

Achromatomaly
203, 209, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 207, 242 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, 213, 242)` looks like.

```
.text, #text, p{  
    color:rgb(192, 213, 242)  
}
```

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, 213, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 213, 242) }
```

Border

The CSS property to change the border of an element to RYB 192, 207, 242 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, 213, 242) }
```

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

```
.border{ border-color:rgb(192, 213, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 213, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 213, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 213, 242);  
box-shadow:4px 4px 4px 4px rgb(192, 213,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 192, 207, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 213, 242) }
```

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

```
.background{ background-color: rgb(192,  
213, 242) }
```

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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