

Converting Colors

`RYB(190, 198, 218)`

Have a look what the booklet for
RYB(190, 198, 218) contains.

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Color

$\text{RYB}(190, 198, 218)$

Conversions

Conversions Part 1

Format	Color
Hex	BEC9DA
RGB	190, 201, 218
RGB Percent	75%, 79%, 85%
CMY	0.2549, 0.2110, 0.1451
CMYK	0.13, 0.08, 0.00, 0.15
HSL	216°, 27%, 80%
HSV	216°, 13%, 85%
XYZ	54.8234, 57.8757, 74.6113
YIQ	199.6490, -12.0130, 2.9550

Conversions

Conversions Part 2

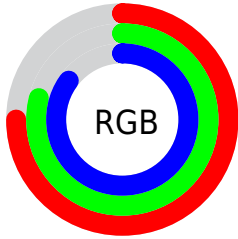
Format	Color
R_{YB}	190, 198, 218
Decimal	12503514
CIE Lab	80.67, -0.47, -9.65
CIE LCh	81, 9.664, 267.215
Yxy	57.8757, 0.2927, 0.3090
Android (android.graphics.Color)	4290693594 (0xFFBEC9DA)
YUV	199.6490, 9.0470, -8.4622
Hunter-Lab	76.0761, -4.4991, -4.8952

Details

The RYB color **190, 198, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208, 218, 190**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **246, 251, 255**, and **136, 144, 163** is the 20% darker color. If you saturate the color by 10%, you get **168, 182, 218**, and if you desaturate by 10%, it is **212, 214, 218**.

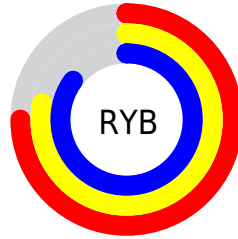
Distribution



Red (75%)

Green (79%)

Blue (85%)



Red (75%)

Yellow (78%)

Blue (85%)

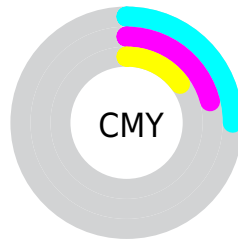


Cyan (13%)

Magenta (8%)

Yellow (0%)

Black (15%)



Cyan (25%)

Magenta (21%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 198, 218 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 190, 198, 218 by changing the saturation by 10% instead.

■ 190, 198, 218

255, 255, 255

■ 246, 251, 255

■ 190, 198, 218

■ 163, 171, 190

■ 136, 144, 163

■ 111, 119, 137

■ 86, 94, 111

■ 63, 70, 87

■ 40, 48, 64

■ 19, 26, 42

■ 0, 3, 22

■ 0, 0, 0

■ 190, 198, 218

■ 190, 198, 218

■ 168, 182, 218

■ 212, 214, 218

■ 146, 167, 218

■ 230, 234, 218

■ 125, 151, 218

■ 243, 255, 218

■ 103, 136, 218

■ 219, 255, 218

■ 81, 120, 218

■ 218, 255, 218

■ 59, 105, 218

■ 37, 89, 218

■ 16, 74, 218

■ 0, 62, 218

Harmonies

Analogous

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



181, 195, 215



190, 198, 218



201, 198, 216

Triad

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



190, 198, 218



220, 195, 192



188, 202, 204

Complementary

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



190, 198, 218



208, 218, 190

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.



184, 202, 187



190, 198, 218



217, 202, 185

Square

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



190, 198, 218



218, 194, 201



198, 209, 182



181, 196, 206

Rectangle

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



190, 198, 218



208, 196, 213



198, 209, 182



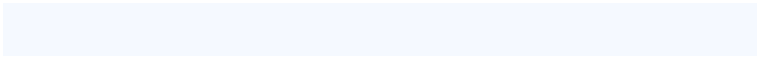
188, 204, 200

Sweetspot

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



190, 198, 218



245, 248, 255



190, 207, 218



121, 123, 128



0, 0, 0



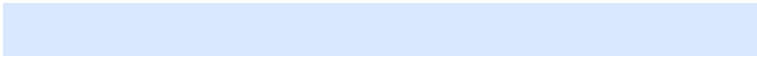
128, 128, 128

Same Dimension

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



190, 198, 218



217, 228, 255



193, 190, 218



99, 102, 110



0, 49, 173



0, 13, 46

Inverse Universe

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



218, 190, 201



255, 217, 232



190, 218, 193



110, 99, 103



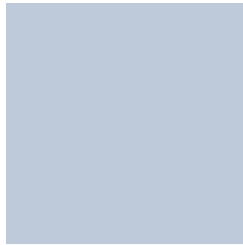
173, 0, 69



46, 0, 18

Previews

White Background



This preview shows how the RYB color 190, 198, 218 looks on a white background.

Color Contrast Check

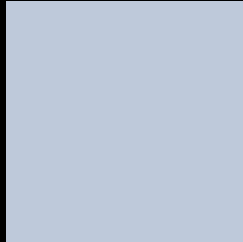
Large Text (above 18pt) WCAG AA × Fail

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 190, 198, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

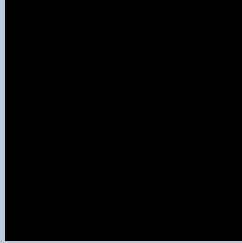
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

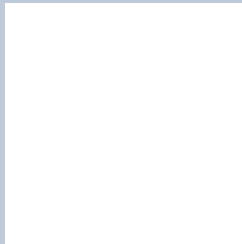
Any Text WCAG AAA ✓ Pass

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

R Y B 190, 198, 218 Background



This preview shows how black text looks on a background with the RYB color 190, 198, 218.



This preview shows how white text looks on a background with the RYB color 190, 198, 218.

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](#).

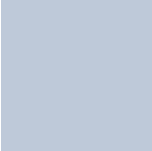
Dichromacy



Original Color
190, 198, 218

Protanopia
199, 199, 216

Deuteranopia
211, 195, 219



Tritanopia
190, 198, 217

Trichromacy



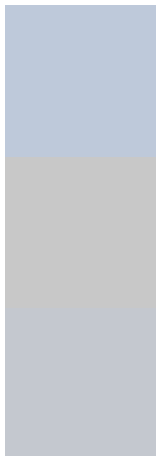
Original Color
190, 198, 218

Protanomaly
196, 199, 217

Deuteranomaly
203, 197, 219

Tritanomaly
190, 198, 217

Monochromacy



Original Color
190, 198, 218

Achromatopsia
200, 200, 200

Achromatomaly
196, 199, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 198, 218 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(190, 201, 218)` looks like.

```
.text, #text, p{  
    color:rgb(190, 201, 218)  
}
```

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(190, 201, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 201, 218) }
```

Border

The CSS property to change the border of an element to RYB 190, 198, 218 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(190, 201, 218) }
```

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

```
.border{ border-color:rgb(190, 201, 218) }
```

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

Here you see how a box with a 4 pixel rgb(190, 201, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 201, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 201, 218);  
box-shadow:4px 4px 4px 4px rgb(190, 201,  
218) }
```

Background

The CSS property to change the background color of an element to RYB 190, 198, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 201, 218) }
```

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

```
.background{ background-color: rgb(190,  
201, 218) }
```

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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