

Converting Colors

`RYB(186, 192, 244)`

Have a look what the booklet for RYB(186, 192, 244) contains.

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Color

R_YB(186, 192, 244)

Conversions

Conversions Part 1

Format	Color
Hex	BAC1F4
RGB	186, 193, 244
RGB Percent	73%, 76%, 96%
CMY	0.2706, 0.2443, 0.0431
CMYK	0.24, 0.21, 0.00, 0.04
HSL	233°, 73%, 84%
HSV	233°, 24%, 96%
XYZ	55.5808, 54.9748, 93.2697
YIQ	196.7210, -20.5430, 14.3770

Conversions

Conversions Part 2

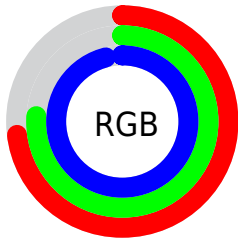
Format	Color
R _Y B	186, 192, 244
Decimal	12239348
CIE Lab	79.03, 8.52, -26.10
CIE LCh	79, 27.459, 288.076
Yxy	54.9748, 0.2727, 0.2697
Android (android.graphics.Color)	4290429428 (0xFFBAC1F4)
YUV	196.7210, 23.3085, -9.4023
Hunter-Lab	74.1450, 4.0541, -22.6816

Details

The RYB color **186, 192, 244** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **194, 244, 186**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **243, 247, 255**, and **132, 139, 188** is the 20% darker color. If you saturate the color by 10%, you get **162, 170, 244**, and if you desaturate by 10%, it is **210, 214, 244**.

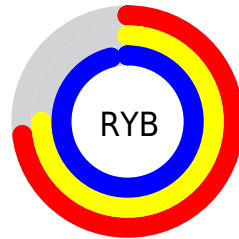
Distribution



Red (73%)

Green (76%)

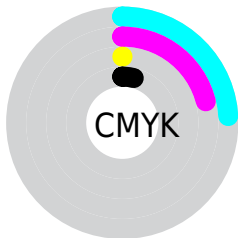
Blue (96%)



Red (73%)

Yellow (75%)

Blue (96%)

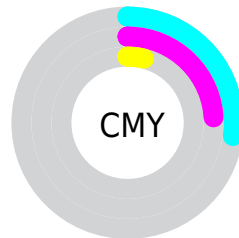


Cyan (24%)

Magenta (21%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (24%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 192, 244 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 186, 192, 244 by changing the saturation by 10% instead.

■ 186, 192, 244

255, 255, 255

■ 243, 247, 255

■ 186, 192, 244

■ 159, 165, 215

■ 132, 138, 188

■ 106, 113, 161

■ 81, 88, 134

■ 56, 64, 109

■ 31, 41, 84

■ 3, 18, 61

■ 0, 0, 39

■ 0, 1, 16

■ 186, 192, 244

■ 186, 192, 244

■ 162, 170, 244

■ 210, 214, 244

■ 137, 149, 244

■ 235, 236, 244

■ 113, 126, 244

■ 244, 255, 244

■ 88, 104, 244

■ 64, 83, 244

■ 40, 61, 244

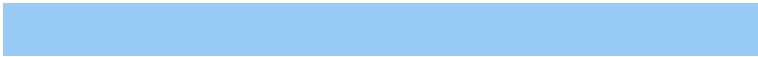
■ 15, 39, 244

■ 0, 25, 244

Harmonies

Analogous

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



151, 184, 245



186, 192, 244



218, 184, 230

Triad

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



186, 192, 244



242, 191, 159



141, 183, 209

Complementary

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



186, 192, 244



194, 244, 186

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.



161, 206, 198



186, 192, 244



203, 224, 146

Square

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



186, 192, 244



248, 178, 181



147, 199, 148



123, 167, 211

Rectangle

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



186, 192, 244



234, 180, 215



147, 199, 148



150, 190, 208

Sweetspot

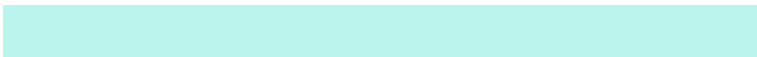
The Sweet Spot groups the original color and five complimentary colors.



186, 192, 244



237, 239, 255



186, 217, 244



117, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 192, 244



181, 189, 255



208, 186, 244



110, 112, 122



0, 19, 186



0, 6, 59

Inverse Universe

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



244, 186, 193



255, 181, 190



186, 244, 208



122, 110, 112



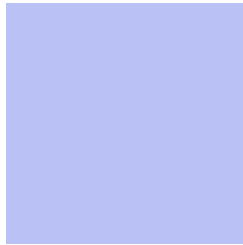
186, 0, 21



59, 0, 7

Previews

White Background



This preview shows how the RYB color 186, 192, 244 looks on a white background.

Color Contrast Check

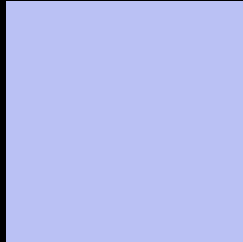
Large Text (above 18pt) WCAG AA × Fail

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 186, 192, 244 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 186, 192, 244 Background



This preview shows how black text looks on a background with the RYB color 186, 192, 244.



This preview shows how white text looks on a background with the RYB color 186, 192, 244.

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

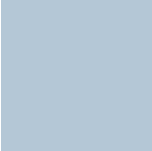
186, 192, 244

Protanopia

183, 192, 245

Deuteranopia

189, 192, 244



Tritanopia
180, 192, 214

Trichromacy



Original Color

186, 192, 244

Protanomaly

184, 192, 245

Deuteranomaly

188, 192, 244

Tritanomaly

182, 193, 225

Monochromacy



Original Color

186, 192, 244

Achromatopsia

197, 197, 197

Achromatomaly

193, 195, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 192, 244 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(186, 193, 244)` looks like.

```
.text, #text, p{  
    color:rgb(186, 193, 244)  
}
```

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(186, 193, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 193, 244) }
```

Border

The CSS property to change the border of an element to RYB 186, 192, 244 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(186, 193, 244) }
```

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

```
.border{ border-color:rgb(186, 193, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 193, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 193, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 193, 244);  
box-shadow:4px 4px 4px 4px rgb(186, 193,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 186, 192, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 193, 244) }
```

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

```
.background{ background-color: rgb(186,  
193, 244) }
```

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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