

Converting Colors

`RYB(184, 190, 226)`

Have a look what the booklet for
RYB(184, 190, 226) contains.

RYB(184, 190, 226)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(184, 190, 226)

Conversions

Conversions Part 1

Format	Color
Hex	B8BFE2
RGB	184, 191, 226
RGB Percent	72%, 75%, 89%
CMY	0.2784, 0.2510, 0.1137
CMYK	0.19, 0.15, 0.00, 0.11
HSL	230°, 42%, 80%
HSV	230°, 19%, 89%
XYZ	52.1254, 52.9429, 79.4232
YIQ	192.8970, -15.4070, 9.4010

Conversions

Conversions Part 2

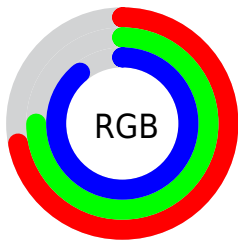
Format	Color
RYB	184, 190, 226
Decimal	12107746
CIELab	77.84, 4.78, -18.24
CIELCh	78, 18.856, 284.681
Yxy	52.9429, 0.2825, 0.2870
Android (android.graphics.Color)	4290297826 (0xFFB8BFE2)
YUV	192.8970, 16.3198, -7.8027
Hunter-Lab	72.7619, 0.5412, -13.7846

Details

The RYB color **184, 190, 226** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **192, 226, 184**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **240, 245, 255**, and **130, 137, 171** is the 20% darker color. If you saturate the color by 10%, you get **161, 170, 226**, and if you desaturate by 10%, it is **207, 210, 226**.

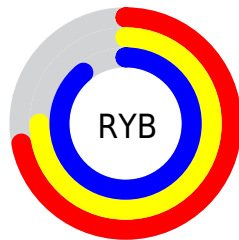
Distribution



Red (72%)

Green (75%)

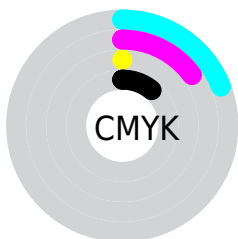
Blue (89%)



Red (72%)

Yellow (75%)

Blue (89%)

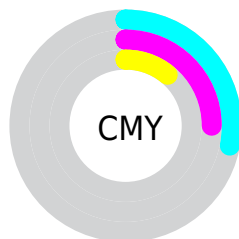


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (11%)



Cyan (28%)

Magenta (25%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 190, 226 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 184, 190, 226 by changing the saturation by 10% instead.

■ 184, 190, 226

255, 255, 255

■ 240, 245, 255

■ 184, 190, 226

■ 157, 163, 198

■ 130, 137, 171

■ 105, 111, 144

■ 80, 87, 118

■ 56, 63, 94

■ 33, 41, 70

■ 10, 20, 47

■ 0, 1, 27

■ 0, 0, 0

■ 184, 190, 226

■ 184, 190, 226

■ 161, 170, 226

■ 207, 210, 226

■ 139, 151, 226

■ 226, 229, 226

■ 116, 132, 226

■ 232, 252, 226

■ 94, 113, 226

■ 226, 255, 226

■ 71, 93, 226

■ 48, 74, 226

■ 26, 54, 226

■ 3, 35, 226

■ 0, 33, 226

Harmonies

Analogous

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



162, 185, 226



184, 190, 226



206, 185, 217

Triad

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



184, 190, 226



226, 188, 169



159, 187, 202

Complementary

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



184, 190, 226



192, 226, 184

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.



167, 199, 189



184, 190, 226



211, 215, 159

Square

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



184, 190, 226



229, 180, 184



162, 197, 159



147, 176, 203

Rectangle

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



184, 190, 226



218, 182, 208



162, 197, 159



164, 191, 201

Sweetspot

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



184, 190, 226



240, 242, 255



184, 207, 226



119, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 190, 226



199, 207, 255



198, 184, 226



101, 103, 112



0, 25, 176



0, 7, 48

Inverse Universe

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



226, 184, 191



255, 199, 208



184, 226, 198



112, 101, 103



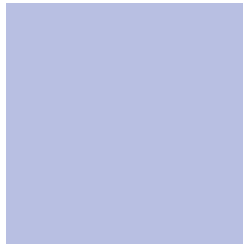
176, 0, 29



48, 0, 8

Previews

White Background



This preview shows how the RYB color 184, 190, 226 looks on a white background.

Color Contrast Check

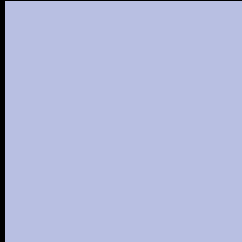
Large Text (above 18pt) WCAG AA × Fail

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 184, 190, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

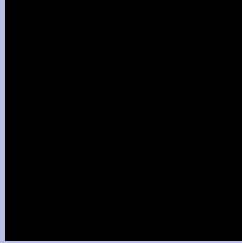
Any Text WCAG AA ✓ Pass

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 184, 190, 226 Background



This preview shows how black text looks on a background with the RYB color 184, 190, 226.



This preview shows how white text looks on a background with the RYB color 184, 190, 226.

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](#).

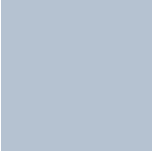
Dichromacy



Original Color
[184](#), [190](#), [226](#)

Protanopia
[185](#), [190](#), [226](#)

Deuteranopia
[194](#), [188](#), [227](#)



Tritanopia
181, 190, 209

Trichromacy



Original Color

184, 190, 226

Protanomaly

185, 190, 226

Deuteranomaly

190, 189, 227

Tritanomaly

182, 190, 215

Monochromacy



Original Color

184, 190, 226

Achromatopsia

193, 193, 193

Achromatomaly

190, 192, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 190, 226 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(184, 191, 226)` looks like.

```
.text, #text, p{  
    color:rgb(184, 191, 226)  
}
```

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(184, 191, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 191, 226) }
```

Border

The CSS property to change the border of an element to RYB 184, 190, 226 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(184, 191, 226) }
```

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

```
.border{ border-color:rgb(184, 191, 226) }
```

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

Here you see how a box with a 4 pixel rgb(184, 191, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 191, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 191, 226);  
box-shadow:4px 4px 4px 4px rgb(184, 191,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 184, 190, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 191, 226) }
```

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

```
.background{ background-color: rgb(184,  
191, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor