

Converting Colors

`RYB(189, 190, 246)`

Have a look what the booklet for RYB(189, 190, 246) contains.

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Color

R_YB(189, 190, 246)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BDBEF6 |
| RGB | 189, 190, 246 |
| RGB Percent | 74%, 75%, 96% |
| CMY | 0.2588, 0.2548, 0.0353 |
| CMYK | 0.23, 0.23, 0.00, 0.04 |
| HSL | 239°, 76%, 85% |
| HSV | 239°, 23%, 96% |
| XYZ | 56.0381, 54.3073, 94.7176 |
| YIQ | 196.0850, -18.5720, 17.2040 |

Conversions

Conversions Part 2

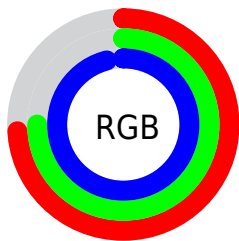
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 189, 190, 246 |
| Decimal | 12435190 |
| CIE Lab | 78.64, 11.33, -27.75 |
| CIE LCh | 79, 29.971, 292.208 |
| Yxy | 54.3073, 0.2733, 0.2648 |
| Android (android.graphics.Color) | 4290625270 (0xFFBDBEF6) |
| YUV | 196.0850, 24.6081, -6.2135 |
| Hunter-Lab | 73.6935, 6.7717, -24.6195 |

Details

The RYB color **189, 190, 246** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **190, 246, 189**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **246, 246, 255**, and **135, 137, 190** is the 20% darker color. If you saturate the color by 10%, you get **164, 166, 246**, and if you desaturate by 10%, it is **214, 214, 246**.

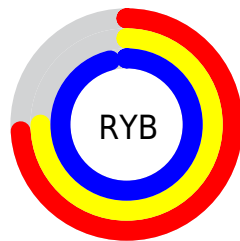
Distribution



Red (74%)

Green (75%)

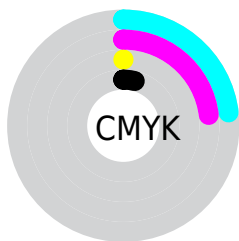
Blue (96%)



Red (74%)

Yellow (75%)

Blue (96%)

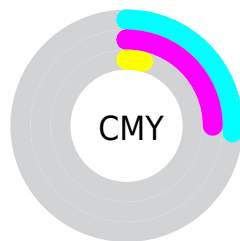


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (26%)

Magenta (25%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 190, 246 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 189, 190, 246 by changing the saturation by 10% instead.

 189, 190, 246


255, 255, 255

 246, 246, 255

 189, 190, 246

 161, 163, 217

 135, 137, 190

 109, 111, 162

 83, 87, 136


 58, 63, 110

 34, 41, 86


 6, 18, 62

 0, 0, 40


 0, 1, 18

 189, 190, 246

 189, 190, 246

 164, 166, 246

 214, 214, 246

 140, 142, 246

 238, 238, 246

 115, 118, 246

 246, 255, 246

 91, 93, 246

 66, 69, 246

 41, 45, 246

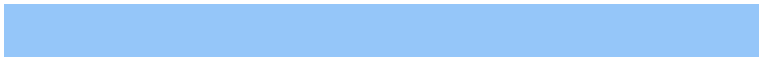
 17, 21, 246

 0, 4, 246

Harmonies

Analogous

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



149, 182, 249



189, 190, 246



223, 181, 229

Triad

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



189, 190, 246



242, 195, 152



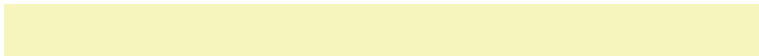
131, 178, 210

Complementary

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



189, 190, 246



190, 246, 189

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.



160, 206, 205



189, 190, 246



192, 222, 140

Square

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



189, 190, 246



251, 175, 175



143, 199, 149



111, 162, 215

Rectangle

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



189, 190, 246



239, 176, 212



143, 199, 149



140, 185, 209

Sweetspot

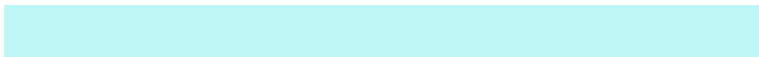
The Sweet Spot groups the original color and five complimentary colors.



189, 190, 246



237, 237, 255



189, 218, 246



117, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 190, 246



184, 185, 255



216, 189, 246



110, 110, 122



0, 3, 186



0, 1, 59

Inverse Universe

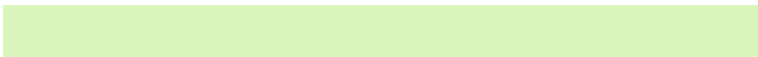
The Inverse Universe completely reimagines the original color for something new.



246, 189, 190



255, 184, 185



189, 246, 216



122, 110, 110



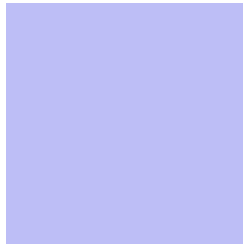
186, 0, 3



59, 0, 1

Previews

White Background



This preview shows how the RYB color 189, 190, 246 looks on a white background.

Color Contrast Check

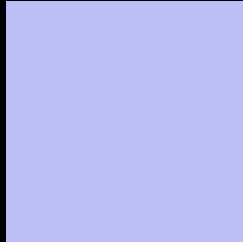
Large Text (above 18pt) WCAG AA × Fail

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 189, 190, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

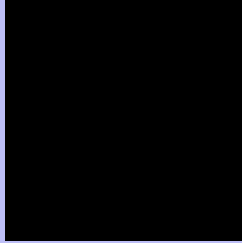
Any Text WCAG AA ✓ Pass

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 189, 190, 246 Background



This preview shows how black text looks on a background with the RYB color 189, 190, 246.

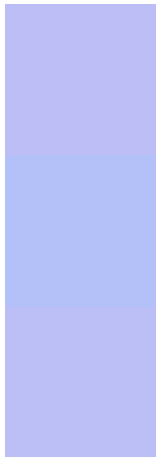


This preview shows how white text looks on a background with the RYB color 189, 190, 246.

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](#).

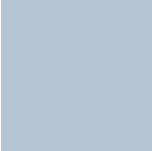
Dichromacy



Original Color
189, 190, 246

Protanopia
180, 190, 248

Deuteranopia
187, 191, 246



Tritanopia
182, 192, 212

Trichromacy



Original Color

189, 190, 246

Protanomaly

183, 190, 247

Deuteranomaly

188, 191, 246

Tritanomaly

185, 192, 224

Monochromacy



Original Color

189, 190, 246

Achromatopsia

196, 196, 196

Achromatomaly

193, 194, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 190, 246 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(189, 190, 246)` looks like.

```
.text, #text, p{  
    color:rgb(189, 190, 246)  
}
```

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(189, 190, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 190, 246) }
```

Border

The CSS property to change the border of an element to RYB 189, 190, 246 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(189, 190, 246) }
```

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

```
.border{ border-color:rgb(189, 190, 246) }
```

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

Here you see how a box with a 4 pixel rgb(189, 190, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 190, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 190, 246);  
box-shadow:4px 4px 4px 4px rgb(189, 190,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 189, 190, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 190, 246) }
```

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

```
.background{ background-color: rgb(189,  
190, 246) }
```

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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