

Converting Colors

`RYB(192, 185, 229)`

Have a look what the booklet for
RYB(192, 185, 229) contains.

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Color

R_YB(192, 185, 229)

Conversions

Conversions Part 1

Format	Color
Hex	C0B9E5
RGB	192, 185, 229
RGB Percent	75%, 73%, 90%
CMY	0.2471, 0.2745, 0.1020
CMYK	0.16, 0.19, 0.00, 0.10
HSL	250°, 46%, 81%
HSV	250°, 19%, 90%
XYZ	53.2300, 51.5615, 81.2756
YIQ	192.1090, -9.9520, 15.1680

Conversions

Conversions Part 2

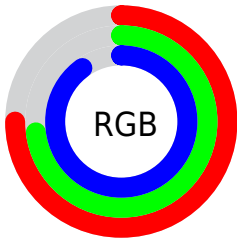
Format	Color
RYB	192, 185, 229
Decimal	12630501
CIELab	77.02, 11.20, -21.05
CIElCh	77, 23.843, 298.015
Yxy	51.5615, 0.2861, 0.2771
Android (android.graphics.Color)	4290820581 (0xFFC0B9E5)
YUV	192.1090, 18.1873, -0.0956
Hunter-Lab	71.8064, 6.6609, -16.8442

Details

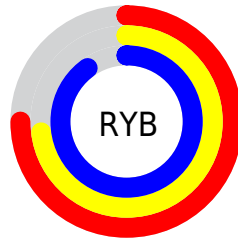
The RYB color **192, 185, 229** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **185, 229, 192**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **249, 241, 255**, and **138, 132, 173** is the 20% darker color. If you saturate the color by 10%, you get **173, 162, 229**, and if you desaturate by 10%, it is **211, 208, 229**.

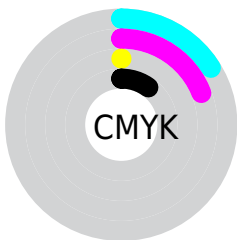
Distribution



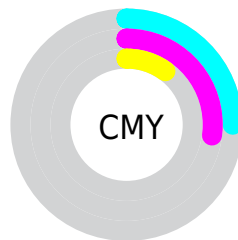
- Red (75%)
- Green (73%)
- Blue (90%)



- Red (75%)
- Yellow (73%)
- Blue (90%)



- Cyan (16%)
- Magenta (19%)
- Yellow (0%)
- Black (10%)



- Cyan (25%)
- Magenta (27%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 185, 229 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, 185, 229 by changing the saturation by 10% instead.

■ 192, 185, 229

255, 255, 255

■ 249, 241, 255

■ 192, 185, 229

■ 165, 158, 201

■ 138, 132, 173

■ 112, 107, 147

■ 87, 83, 121

■ 63, 60, 96

■ 40, 38, 72

■ 18, 18, 49

■ 0, 2, 28

■ 0, 0, 0

192, 185, 229

192, 185, 229

173, 162, 229

211, 208, 229

153, 139, 229

229, 231, 229

134, 116, 229

229, 254, 233

115, 93, 229

229, 255, 229

96, 70, 229

76, 48, 229

57, 25, 229

38, 2, 229

36, 0, 229

Harmonies

Analogous

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



162, 184, 234



192, 185, 229



217, 178, 214

Triad

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



192, 185, 229



226, 198, 153



138, 175, 203

Complementary

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



192, 185, 229



185, 229, 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.



159, 194, 200



192, 185, 229



176, 208, 146

Square

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



192, 185, 229



235, 177, 170



151, 195, 161



128, 167, 210

Rectangle

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



192, 185, 229



229, 175, 200



151, 195, 161



144, 180, 202

Sweetspot

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



192, 185, 229



242, 240, 255



185, 205, 229



120, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 185, 229



206, 196, 255



214, 185, 229



105, 103, 115



28, 0, 179



8, 0, 51

Inverse Universe

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



229, 185, 222



255, 196, 246



185, 229, 214



115, 103, 113



179, 0, 150



51, 0, 43

Previews

White Background



This preview shows how the RYB color 192, 185, 229 looks on a white background.

Color Contrast Check

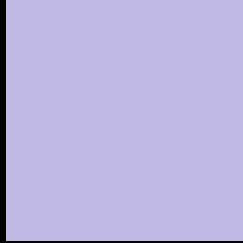
Large Text (above 18pt) WCAG AA × Fail

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, 185, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

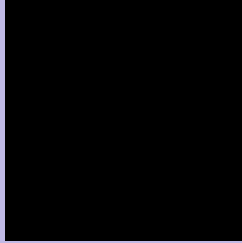
Any Text WCAG AA ✓ Pass

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, 185, 229 Background



This preview shows how black text looks on a background with the RYB color 192, 185, 229.



This preview shows how white text looks on a background with the RYB color 192, 185, 229.

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, 185, 229

Protanopia
181, 187, 231

Deuteranopia
189, 186, 229



Tritanopia
188, 189, 204

Trichromacy



Original Color

192, 185, 229

Protanomaly

185, 187, 230

Deuteranomaly

190, 186, 229

Tritanomaly

189, 188, 213

Monochromacy



Original Color

192, 185, 229

Achromatopsia

192, 192, 192

Achromatomaly

192, 189, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 185, 229 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, 185, 229)` looks like.

```
.text, #text, p{  
    color:rgb(192, 185, 229)  
}
```

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, 185, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 185, 229) }
```

Border

The CSS property to change the border of an element to RYB 192, 185, 229 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, 185, 229) }
```

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

```
.border{ border-color:rgb(192, 185, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 185, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 185, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 185, 229); box-shadow:4px 4px 4px 4px rgb(192, 185, 229) }
```

Background

The CSS property to change the background color of an element to RYB 192, 185, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 185, 229) }
```

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

```
.background{ background-color: rgb(192,  
185, 229) }
```

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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