

Converting Colors

`RYB(190, 154, 245)`

Have a look what the booklet for
RYB(190, 154, 245) contains.

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Color

R_YB(190, 154, 245)

Conversions

Conversions Part 1

Format	Color
Hex	BE9AF5
RGB	190, 154, 245
RGB Percent	75%, 60%, 96%
CMY	0.2549, 0.3961, 0.0392
CMYK	0.22, 0.37, 0.00, 0.04
HSL	264°, 82%, 78%
HSV	264°, 37%, 96%
XYZ	49.2722, 40.6509, 91.6357
YIQ	175.1380, -7.7550, 35.9330

Conversions

Conversions Part 2

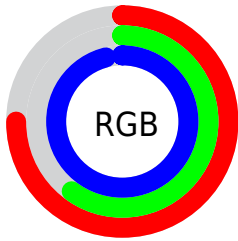
Format	Color
RYB	190, 154, 245
Decimal	12491509
CIELab	69.93, 31.27, -40.67
CIELCh	70, 51.302, 307.554
Yxy	40.6509, 0.2714, 0.2239
Android (android.graphics.Color)	4290681589 (0xFFBE9AF5)
YUV	175.1380, 34.4420, 13.0340
Hunter-Lab	63.7581, 26.3681, -40.5833

Details

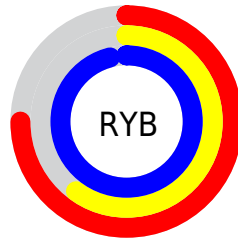
The RYB color **190, 154, 245** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **154, 245, 190**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **248, 209, 255**, and **135, 102, 188** is the 20% darker color. If you saturate the color by 10%, you get **175, 130, 245**, and if you desaturate by 10%, it is **205, 178, 245**.

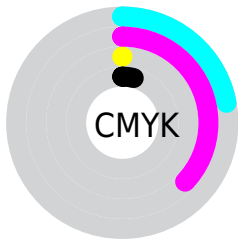
Distribution



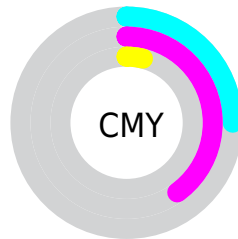
- Red (75%)
- Green (60%)
- Blue (96%)



- Red (75%)
- Yellow (60%)
- Blue (96%)



- Cyan (22%)
- Magenta (37%)
- Yellow (0%)
- Black (4%)




- Cyan (25%)
- Magenta (40%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 154, 245 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, 154, 245 by changing the saturation by 10% instead.


 190, 154, 245

255, 255, 255


 248, 209, 255

 255, 237, 255

 190, 154, 245


 162, 128, 216

 135, 102, 188

 108, 78, 161

 82, 54, 134

 56, 32, 109

 30, 10, 84

 10, 0, 61

 0, 2, 38

 0, 1, 14

■ 190, 154, 245

■ 190, 154, 245

■ 175, 130, 245

■ 205, 178, 245

■ 160, 105, 245

■ 220, 203, 245

■ 146, 80, 245

■ 234, 227, 245

■ 131, 56, 245

■ 245, 252, 248

■ 116, 31, 245

■ 245, 255, 245

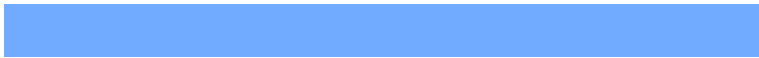
■ 101, 7, 245

■ 97, 0, 245

Harmonies

Analogous

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



112, 154, 255



190, 154, 245



238, 137, 207

Triad

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



190, 154, 245



225, 227, 84



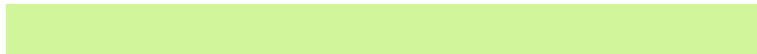
0, 101, 195

Complementary

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



190, 154, 245



154, 245, 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.



70, 150, 192



190, 154, 245



92, 187, 75

Square

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



190, 154, 245



253, 144, 116



94, 184, 141



0, 104, 226

Rectangle

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



190, 154, 245



254, 132, 177



94, 184, 141



0, 105, 194

Sweetspot

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



190, 154, 245



238, 227, 255



154, 189, 245



117, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



190, 154, 245



186, 140, 255



234, 154, 245



115, 110, 122



74, 0, 186



23, 0, 59

Inverse Universe

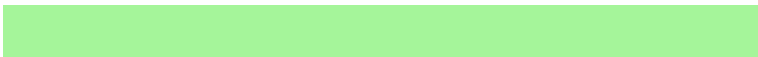
The Inverse Universe completely reimagines the original color for something new.



245, 154, 209



255, 140, 210



154, 245, 234



122, 110, 118



186, 0, 113



59, 0, 35

Previews

White Background



This preview shows how the RYB color 190, 154, 245 looks on a white background.

Color Contrast Check

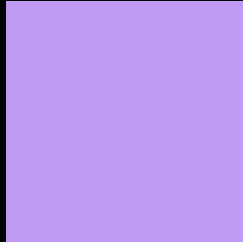
Large Text (above 18pt) WCAG AA × Fail

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, 154, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

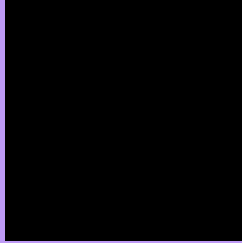
Any Text WCAG AA ✓ Pass

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 190, 154, 245 Background



This preview shows how black text looks on a background with the RYB color 190, 154, 245.

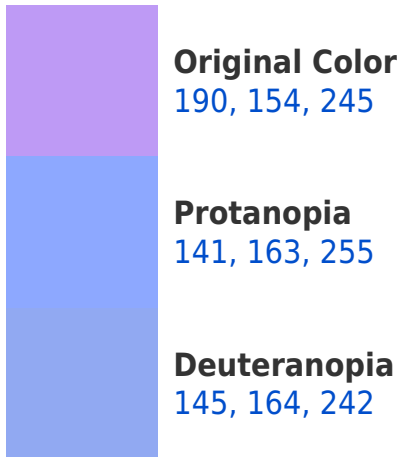



This preview shows how white text looks on a background with the RYB color 190, 154, 245.

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





Tritanopia
179, 167, 181

Trichromacy



Original Color
190, 154, 245

Protanomaly
159, 163, 251

Deuteranomaly
161, 164, 243

Tritanomaly
183, 162, 204

Monochromacy



Original Color
190, 154, 245

Achromatopsia
175, 175, 175

Achromatomaly
180, 167, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 154, 245 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, 154, 245)` looks like.

```
.text, #text, p{  
    color:rgb(190, 154, 245)  
}
```

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, 154, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 154, 245) }
```

Border

The CSS property to change the border of an element to RYB 190, 154, 245 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, 154, 245) }
```

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

```
.border{ border-color:rgb(190, 154, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 154, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 154, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 154, 245);  
box-shadow:4px 4px 4px 4px rgb(190, 154,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 190, 154, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 154, 245) }
```

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

```
.background{ background-color: rgb(190,  
154, 245) }
```

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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