

Converting Colors

`RYB(185, 160, 245)`

Have a look what the booklet for
RYB(185, 160, 245) contains.

RYB(185, 160, 245)	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(185, 160, 245)

Conversions

Conversions Part 1

Format	Color
Hex	B9A0F5
RGB	185, 160, 245
RGB Percent	73%, 63%, 96%
CMY	0.2745, 0.3725, 0.0392
CMYK	0.24, 0.35, 0.00, 0.04
HSL	258°, 81%, 79%
HSV	258°, 35%, 96%
XYZ	49.0598, 42.0485, 91.9166
YIQ	177.1650, -12.3850, 31.7350

Conversions

Conversions Part 2

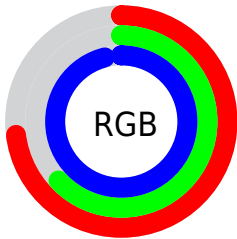
Format	Color
R _Y B	185, 160, 245
Decimal	12165365
CIE Lab	70.90, 26.49, -39.19
CIE LCh	71, 47.301, 304.063
Yxy	42.0485, 0.2680, 0.2297
Android (android.graphics.Color)	4290355445 (0xFFB9A0F5)
YUV	177.1650, 33.4427, 6.8713
Hunter-Lab	64.8448, 21.5699, -38.6514

Details

The RYB color **185, 160, 245** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **160, 245, 185**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **242, 215, 255**, and **130, 108, 188** is the 20% darker color. If you saturate the color by 10%, you get **168, 136, 245**, and if you desaturate by 10%, it is **202, 185, 245**.

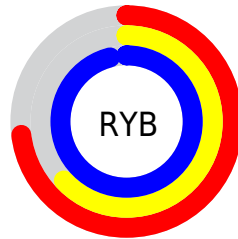
Distribution



Red (73%)

Green (63%)

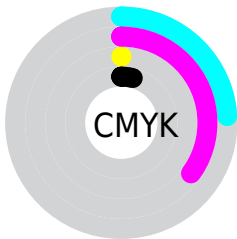
Blue (96%)



Red (73%)

Yellow (63%)

Blue (96%)

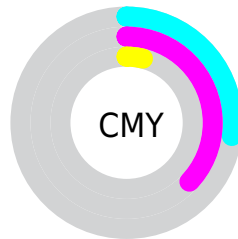


Cyan (24%)

Magenta (35%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (37%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 160, 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 185, 160, 245 by changing the saturation by 10% instead.

■ 185, 160, 245

255, 255, 255

■ 242, 215, 255

■ 255, 243, 255

■ 185, 160, 245

■ 157, 134, 216

■ 130, 108, 188

■ 104, 84, 161

■ 78, 60, 135

■ 52, 38, 109

■ 25, 17, 84

■ 3, 0, 61

■ 0, 2, 38

■ 0, 1, 15

■ 185, 160, 245

■ 185, 160, 245

■ 168, 136, 245

■ 202, 185, 245

■ 150, 111, 245

■ 220, 209, 245

■ 133, 86, 245

■ 237, 234, 245

■ 116, 62, 245

■ 245, 255, 246

■ 99, 37, 245

■ 245, 255, 245

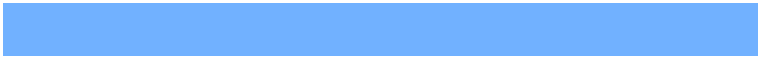
■ 81, 13, 245

■ 72, 0, 245

Harmonies

Analogous

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



113, 157, 255



185, 160, 245



232, 145, 212

Triad

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



185, 160, 245



230, 211, 96



0, 103, 196

Complementary

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



185, 160, 245



160, 245, 185

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.



93, 164, 193



185, 160, 245



111, 194, 85

Square

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



185, 160, 245



252, 146, 128



100, 185, 136



0, 103, 220

Rectangle

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



185, 160, 245



249, 139, 184



100, 185, 136



30, 121, 195

Sweetspot

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



185, 160, 245



237, 230, 255



160, 196, 245



117, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



185, 160, 245



179, 148, 255



227, 160, 245



114, 110, 122



55, 0, 186



17, 0, 59

Inverse Universe

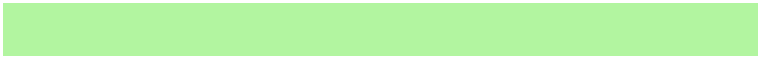
The Inverse Universe completely reimagines the original color for something new.



245, 160, 220



255, 148, 224



160, 245, 227



122, 110, 119



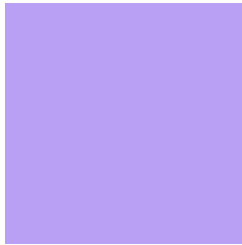
186, 0, 131



59, 0, 41

Previews

White Background



This preview shows how the RYB color 185, 160, 245 looks on a white background.

Color Contrast Check

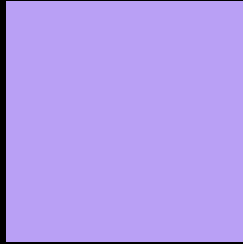
Large Text (above 18pt) WCAG AA × Fail

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 185, 160, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

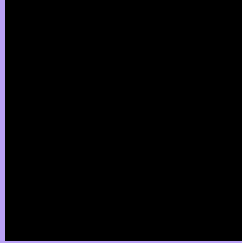
Any Text WCAG AA ✓ Pass

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 185, 160, 245 Background



This preview shows how black text looks on a background with the RYB color 185, 160, 245.

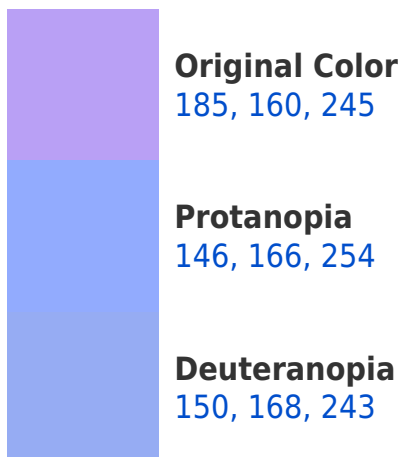


This preview shows how white text looks on a background with the RYB color 185, 160, 245.

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

174, 172, 186

Trichromacy



Original Color
185, 160, 245

Protanomaly
160, 167, 251

Deuteranomaly
163, 168, 244

Tritanomaly
178, 168, 207

Monochromacy



Original Color
185, 160, 245

Achromatopsia
177, 177, 177

Achromatomaly
180, 171, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 160, 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(185, 160, 245)` looks like.

```
.text, #text, p{  
    color:rgb(185, 160, 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(185, 160, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 160, 245) }
```

Border

The CSS property to change the border of an element to RYB 185, 160, 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(185, 160, 245) }
```

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

```
.border{ border-color:rgb(185, 160, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 160, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 160, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 160, 245);  
box-shadow:4px 4px 4px 4px rgb(185, 160,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 185, 160, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 160, 245) }
```

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

```
.background{ background-color: rgb(185,  
160, 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](#).

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