

Converting Colors

`RYB(185, 146, 233)`

Have a look what the booklet for
RYB(185, 146, 233) contains.

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Color

R_YB(185, 146, 233)

Conversions

Conversions Part 1

Format	Color
Hex	B992E9
RGB	185, 146, 233
RGB Percent	73%, 57%, 91%
CMY	0.2745, 0.4275, 0.0863
CMYK	0.21, 0.37, 0.00, 0.09
HSL	267°, 66%, 74%
HSV	267°, 37%, 91%
XYZ	44.9944, 36.7552, 81.8138
YIQ	167.5790, -4.6830, 35.3250

Conversions

Conversions Part 2

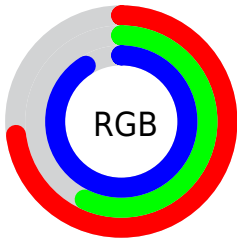
Format	Color
R _Y B	185, 146, 233
Decimal	12161769
CIE Lab	67.09, 31.52, -38.56
CIE LCh	67, 49.805, 309.265
Yxy	36.7552, 0.2751, 0.2247
Android (android.graphics.Color)	4290351849 (0xFFB992E9)
YUV	167.5790, 32.2526, 15.2782
Hunter-Lab	60.6261, 26.3804, -37.5725

Details

The RYB color **185, 146, 233** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **146, 233, 185**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **242, 200, 255**, and **130, 95, 177** is the 20% darker color. If you saturate the color by 10%, you get **172, 123, 233**, and if you desaturate by 10%, it is **198, 169, 233**.

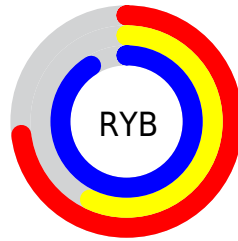
Distribution



Red (73%)

Green (57%)

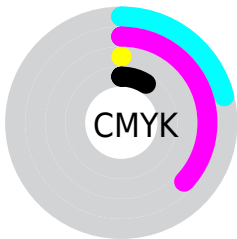
Blue (91%)



Red (73%)

Yellow (57%)

Blue (91%)

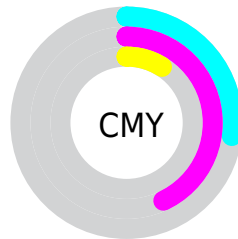


Cyan (21%)

Magenta (37%)

Yellow (0%)

Black (9%)



Cyan (27%)

Magenta (43%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RYB color 185, 146, 233 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, 146, 233 by changing the saturation by 10% instead.

 185, 146, 233

 185, 146, 233

255, 255, 255

 157, 120, 205


 242, 200, 255

 130, 95, 177

 255, 229, 255

 104, 71, 150

 78, 47, 124

 53, 25, 98

 27, 3, 74

 0, 0, 51

 0, 2, 29

 0, 0, 0

■ 185, 146, 233

■ 185, 146, 233

■ 172, 123, 233

■ 198, 169, 233

■ 159, 99, 233

■ 211, 193, 233

■ 146, 76, 233

■ 224, 216, 233

■ 134, 53, 233

■ 233, 239, 236

■ 121, 30, 233

■ 233, 255, 239

■ 108, 6, 233

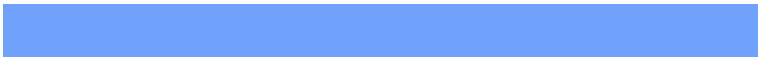
■ 233, 255, 233

■ 104, 0, 233

Harmonies

Analogous

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



112, 149, 252



185, 146, 233



229, 130, 196

Triad

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



185, 146, 233



204, 215, 79



0, 96, 186

Complementary

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



185, 146, 233



146, 233, 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.



60, 139, 184



185, 146, 233



83, 176, 71

Square

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



185, 146, 233



241, 140, 109



91, 177, 140



0, 100, 219

Rectangle

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



185, 146, 233



244, 125, 166



91, 177, 140



0, 100, 186

Sweetspot

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



185, 146, 233



240, 227, 255



146, 177, 233



118, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



185, 146, 233



192, 140, 255



227, 146, 233



111, 106, 117



81, 0, 181



24, 0, 54

Inverse Universe

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



233, 146, 194



255, 140, 204



146, 233, 227



117, 106, 112



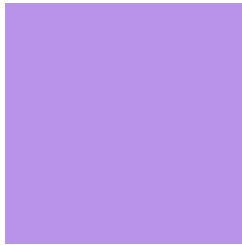
181, 0, 100



54, 0, 30

Previews

White Background



This preview shows how the RYB color 185, 146, 233 looks on a white background.

Color Contrast Check

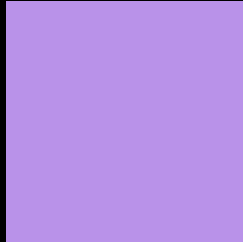
Large Text (above 18pt) WCAG AA × Fail

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, 146, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

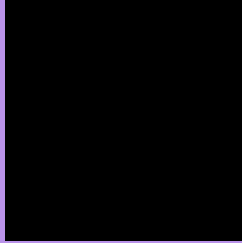
Any Text WCAG AA ✓ Pass

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, 146, 233 Background



This preview shows how black text looks on a background with the RYB color 185, 146, 233.

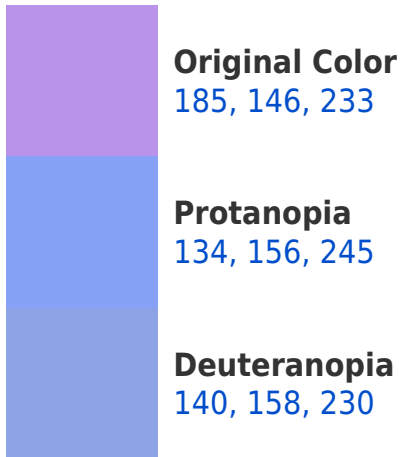



This preview shows how white text looks on a background with the RYB color 185, 146, 233.

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, 159, 171

Trichromacy



Original Color

185, 146, 233



Protanomaly

153, 156, 241



Deuteranomaly

156, 156, 231



Tritanomaly

178, 154, 194

Monochromacy



Original Color

185, 146, 233



Achromatopsia

168, 168, 168



Achromatomaly

174, 160, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 146, 233 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, 146, 233)` looks like.

```
.text, #text, p{  
    color:rgb(185, 146, 233)  
}
```

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, 146, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 146, 233) }
```

Border

The CSS property to change the border of an element to RYB 185, 146, 233 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, 146, 233) }
```

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

```
.border{ border-color:rgb(185, 146, 233) }
```

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

Here you see how a box with a 4 pixel rgb(185, 146, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 146, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 146, 233);  
box-shadow:4px 4px 4px 4px rgb(185, 146,  
233) }
```

Background

The CSS property to change the background color of an element to RYB 185, 146, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 146, 233) }
```

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

```
.background{ background-color: rgb(185,  
146, 233) }
```

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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