

# Converting Colors

`RYB(179, 140, 185)`

Have a look what the booklet for RYB(179, 140, 185) contains.

<b>RYB(179, 140, 185)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**R<sub>Y</sub>B(179, 140, 185)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B38CB9
RGB	179, 140, 185
RGB Percent	70%, 55%, 73%
CMY	0.2980, 0.4510, 0.2745
CMYK	0.03, 0.24, 0.00, 0.27
HSL	292°, 24%, 64%
HSV	292°, 24%, 73%
XYZ	36.7254, 31.8427, 50.1095
YIQ	156.7910, 8.7990, 22.2630

# Conversions

## Conversions Part 2

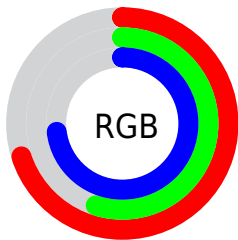
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 140, 185
Decimal	11766969
CIE <sub>Lab</sub>	63.21, 22.74, -17.84
CIE <sub>LCh</sub>	63, 28.905, 321.890
Yxy	31.8427, 0.3095, 0.2683
Android (android.graphics.Color)	4289957049 (0xFFB38CB9)
YUV	156.7910, 13.9070, 19.4773
Hunter-Lab	56.4293, 17.4205, -13.1494

# Details

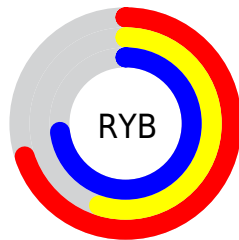
The RYB color **179, 140, 185** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **140, 185, 179**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **235, 194, 241**, and **126, 89, 132** is the 20% darker color. If you saturate the color by 10%, you get **177, 122, 185**, and if you desaturate by 10%, it is **181, 159, 185**.

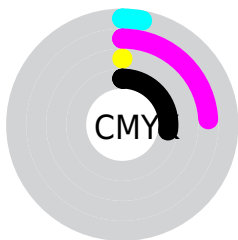
# Distribution



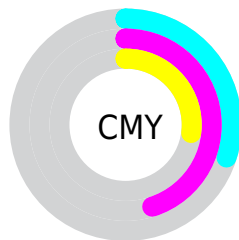
- Red (70%)
- Green (55%)
- Blue (73%)



- Red (70%)
- Yellow (55%)
- Blue (73%)



- Cyan (3%)
- Magenta (24%)
- Yellow (0%)
- Black (27%)



- Cyan (30%)
- Magenta (45%)
- Yellow (27%)

# Brightness & Saturation Gradients


These gradients show how the RYB color 179, 140, 185 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 179, 140, 185 by changing the saturation by 10% instead.




 179, 140, 185


255, 255, 255

 235, 194, 241

 255, 222, 255

 255, 251, 255

 179, 140, 185

 152, 114, 158

 126, 89, 132

 100, 66, 107

 76, 43, 82

 52, 21, 59

 32, 0, 37

 0, 1, 14

 0, 0, 0

 179, 140, 185

 179, 140, 185

177, 122, 185

181, 159, 185

174, 103, 185

184, 177, 185

172, 85, 185

185, 196, 195

169, 66, 185

185, 214, 210

167, 48, 185

185, 233, 227

164, 29, 185

185, 251, 242

162, 10, 185

185, 255, 244

160, 0, 185

185, 255, 241

185, 255, 239

# Harmonies

## Analogous

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



147, 149, 201



179, 140, 185



199, 134, 161

# Triad

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



179, 140, 185



147, 177, 102



70, 119, 171

# Complementary

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



179, 140, 185



140, 185, 179

# 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.



92, 136, 167



179, 140, 185



105, 157, 111

# Square

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



179, 140, 185



196, 152, 114



121, 163, 162



75, 126, 193

# Rectangle

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



179, 140, 185



204, 134, 144



121, 163, 162



75, 122, 167



# Sweetspot

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



179, 140, 185



237, 223, 240



140, 145, 185



119, 110, 120



247, 247, 247



120, 120, 120



# Same Dimension

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



179, 140, 185



230, 170, 240



185, 140, 168



91, 83, 92



135, 0, 156



24, 0, 28



# Inverse Universe

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



185, 140, 146



240, 170, 179



140, 173, 185



92, 83, 84



156, 0, 21

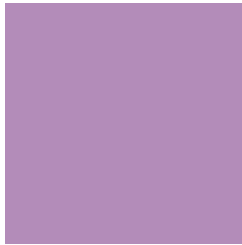


28, 0, 4



# Previews

## White Background



This preview shows how the RYB color 179, 140, 185 looks on a white background.

## Color Contrast Check

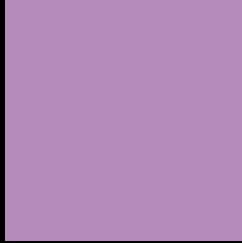
Large Text (above 18pt) WCAG AA × Fail

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 179, 140, 185 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

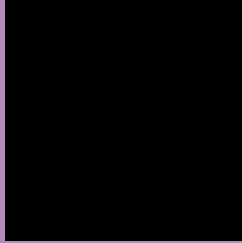
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 179, 140, 185 Background**



This preview shows how black text looks on a background with the RYB color 179, 140, 185.

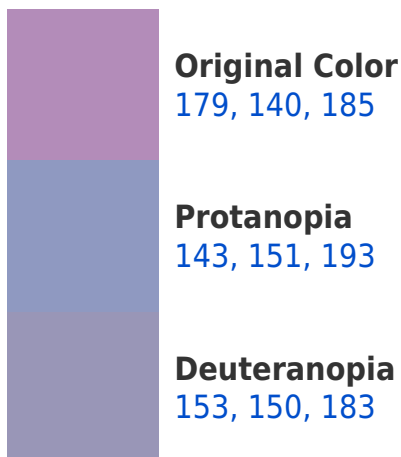



This preview shows how white text looks on a background with the RYB color 179, 140, 185.

# 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**  
175, 145, 157

# Trichromacy



**Original Color**

179, 140, 185

**Protanomaly**

156, 148, 190

**Deuteranomaly**

162, 146, 184

**Tritanomaly**

176, 143, 167

# Monochromacy



**Original Color**

179, 140, 185

**Achromatopsia**

157, 157, 157

**Achromatomaly**

165, 151, 167

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 179, 140, 185 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(179, 140, 185)` looks like.

```
.text, #text, p{  
    color:rgb(179, 140, 185)  
}
```

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(179, 140, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 140, 185) }
```

## Border

The CSS property to change the border of an element to RYB 179, 140, 185 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(179, 140, 185) }
```

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

```
.border{ border-color:rgb(179, 140, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 140, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 140, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 140, 185);  
box-shadow:4px 4px 4px 4px rgb(179, 140,  
185) }
```

# Background

The CSS property to change the background color of an element to RYB 179, 140, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 140, 185) }
```

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

```
.background{ background-color: rgb(179,  
140, 185) }
```

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