

Converting Colors

`RYB(179, 143, 175)`

Have a look what the booklet for
RYB(179, 143, 175) contains.

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Color

R_YB(179, 143, 175)

Conversions

Conversions Part 1

Format	Color
Hex	B38FAF
RGB	179, 143, 175
RGB Percent	70%, 56%, 69%
CMY	0.2980, 0.4392, 0.3137
CMYK	0.00, 0.20, 0.02, 0.30
HSL	307°, 19%, 63%
HSV	307°, 20%, 70%
XYZ	36.1507, 32.3238, 44.8912
YIQ	157.4120, 11.1840, 17.5840

Conversions

Conversions Part 2

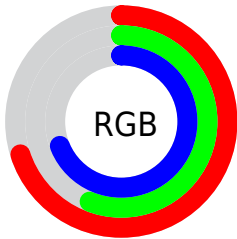
Format	Color
RYB	179, 143, 175
Decimal	11767727
CIELab	63.61, 19.12, -11.60
CIElCh	64, 22.365, 328.765
Yxy	32.3238, 0.3189, 0.2851
Android (android.graphics.Color)	4289957807 (0xFFB38FAF)
YUV	157.4120, 8.6709, 18.9327
Hunter-Lab	56.8540, 14.0051, -7.0168

Details

The RYB color **179, 143, 175** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **143, 175, 179**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **235, 197, 231**, and **126, 92, 123** is the 20% darker color. If you saturate the color by 10%, you get **179, 125, 173**, and if you desaturate by 10%, it is **179, 161, 177**.

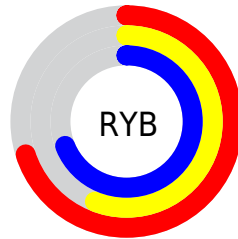
Distribution



Red (70%)

Green (56%)

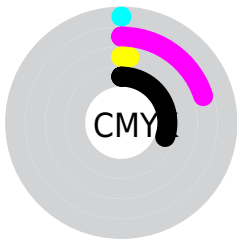
Blue (69%)



Red (70%)

Yellow (56%)

Blue (69%)

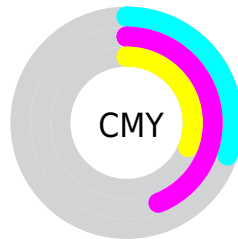


Cyan (0%)

Magenta (20%)

Yellow (2%)

Black (30%)



Cyan (30%)

Magenta (44%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the RYB color 179, 143, 175 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, 143, 175 by changing the saturation by 10% instead.

 179, 143, 175


255, 255, 255

 235, 197, 231


 255, 225, 255

255, 254, 255

 179, 143, 175

 152, 117, 148

 126, 92, 123

 101, 69, 98

 76, 46, 74

 53, 24, 51

 33, 0, 30

 0, 0, 1


 0, 0, 0

 179, 143, 175

 179, 143, 175

 179, 125, 173


 179, 161, 177

 179, 107, 171


 179, 179, 179

 179, 89, 169


 179, 195, 197

 179, 71, 167


 179, 211, 215

 179, 54, 165

 179, 228, 233

 179, 36, 163

 179, 243, 250

 179, 18, 161

 179, 246, 255

 179, 0, 159

 179, 245, 255

 179, 243, 255

Harmonies

Analogous

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



156, 149, 189



179, 143, 175



192, 140, 156

Triad

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



179, 143, 175



141, 170, 114



96, 132, 172

Complementary

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



179, 143, 175



143, 175, 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.



106, 139, 165



179, 143, 175



119, 159, 130

Square

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



179, 143, 175



186, 162, 121



125, 156, 163



105, 139, 187

Rectangle

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



179, 143, 175



195, 140, 142



125, 156, 163



98, 132, 166

Sweetspot

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



179, 143, 175



232, 218, 231



147, 143, 179



117, 109, 116



245, 245, 245



117, 117, 117

Same Dimension

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



179, 143, 175



232, 176, 226



179, 143, 157



89, 80, 88



153, 0, 136



26, 0, 23

Inverse Universe

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



179, 143, 175



232, 176, 226



143, 165, 179



89, 80, 88



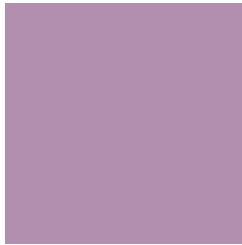
153, 0, 136



26, 0, 23

Previews

White Background



This preview shows how the RYB color 179, 143, 175 looks on a white background.

Color Contrast Check

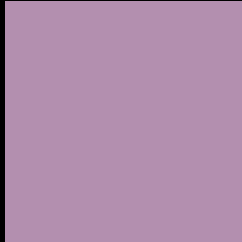
Large Text (above 18pt) WCAG AA × Fail

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, 143, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

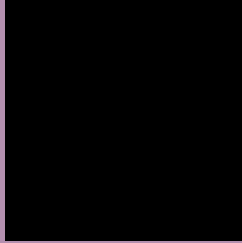
Any Text WCAG AA ✓ Pass

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, 143, 175 Background



This preview shows how black text looks on a background with the RYB color 179, 143, 175.

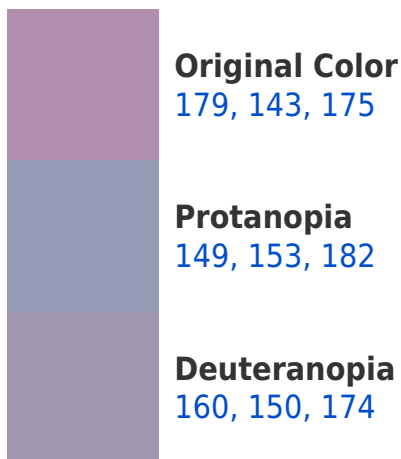


This preview shows how white text looks on a background with the RYB color 179, 143, 175.

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
177, 146, 157

Trichromacy



Original Color

179, 143, 175

Protanomaly

160, 149, 179

Deuteranomaly

167, 147, 174

Tritanomaly

178, 145, 164

Monochromacy



Original Color

179, 143, 175

Achromatopsia

157, 157, 157

Achromatomaly

165, 152, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 143, 175 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, 143, 175)` looks like.

```
.text, #text, p{  
    color:rgb(179, 143, 175)  
}
```

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, 143, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 143, 175) }
```

Border

The CSS property to change the border of an element to RYB 179, 143, 175 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, 143, 175) }
```

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

```
.border{ border-color:rgb(179, 143, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 143, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 143, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 143, 175);  
box-shadow:4px 4px 4px 4px rgb(179, 143,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 179, 143, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 143, 175) }
```

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

```
.background{ background-color: rgb(179,  
143, 175) }
```

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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