

# Converting Colors

`RYB(143, 132, 177)`

Have a look what the booklet for  
RYB(143, 132, 177) contains.

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# **Color**

**R<sub>Y</sub>B(143, 132, 177)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F84B1
RGB	143, 132, 177
RGB Percent	56%, 52%, 69%
CMY	0.4392, 0.4824, 0.3059
CMYK	0.19, 0.25, 0.00, 0.31
HSL	255°, 22%, 61%
HSV	255°, 25%, 69%
XYZ	27.5148, 25.5165, 45.0700
YIQ	140.4190, -7.8890, 16.3270

# Conversions

## Conversions Part 2

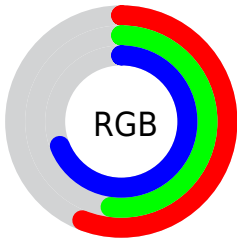
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">143, 132, 177</a>
Decimal	<a href="#">9405617</a>
CIELab	<a href="#">57.58, 13.62, -22.20</a>
CIELCh	<a href="#">58, 26.046, 301.541</a>
Yxy	<a href="#">25.5165, 0.2805, 0.2601</a>
Android (android.graphics.Color)	<a href="#">4287595697 (0xFF8F84B1)</a>
YUV	<a href="#">140.4190, 18.0344, 2.2635</a>
Hunter-Lab	<a href="#">50.5139, 8.8293, -17.5406</a>

# Details

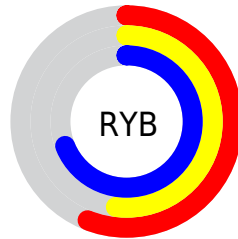
The RYB color **143, 132, 177** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **132, 177, 143**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **197, 185, 233**, and **92, 83, 124** is the 20% darker color. If you saturate the color by 10%, you get **130, 114, 177**, and if you desaturate by 10%, it is **156, 150, 177**.

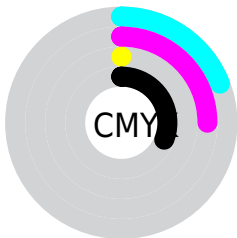
# Distribution



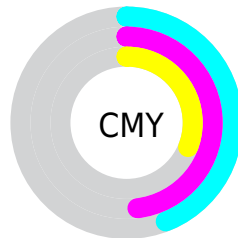
- Red (56%)
- Green (52%)
- Blue (69%)



- Red (56%)
- Yellow (52%)
- Blue (69%)



- Cyan (19%)
- Magenta (25%)
- Yellow (0%)
- Black (31%)



- Cyan (44%)
- Magenta (48%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 143, 132, 177 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 143, 132, 177 by changing the saturation by 10% instead.




 143, 132, 177


255, 255, 255

 197, 185, 233

 225, 213, 255

 254, 241, 255

 143, 132, 177

 117, 107, 150

 92, 83, 124

 68, 59, 99

 44, 38, 75

 22, 18, 52

 0, 0, 31

 0, 0, 2

 0, 0, 0

 143, 132, 177

 143, 132, 177

■ 130, 114, 177

■ 156, 150, 177

■ 116, 97, 177

■ 170, 167, 177

■ 103, 79, 177

■ 177, 185, 179

■ 90, 61, 177

■ 177, 203, 184

■ 76, 44, 177

■ 177, 221, 188

■ 63, 26, 177

■ 177, 238, 192

■ 49, 8, 177

■ 177, 255, 195

■ 43, 0, 177

■ 177, 255, 182

■ 177, 255, 177

# Harmonies

## Analogous

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



110, 131, 183



143, 132, 177



168, 125, 160

# Triad

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



143, 132, 177



172, 150, 99



77, 117, 151

# Complementary

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



143, 132, 177



132, 177, 143

# 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.



102, 138, 149



143, 132, 177



115, 153, 93

# Square

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



143, 132, 177



183, 124, 116



99, 144, 114



64, 110, 161

# Rectangle

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



143, 132, 177



179, 122, 146



99, 144, 114



85, 123, 150



# Sweetspot

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



143, 132, 177



216, 211, 230



132, 152, 177



106, 103, 115



242, 242, 242



115, 115, 115



# Same Dimension

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



143, 132, 177



176, 158, 230



165, 132, 177



83, 80, 89



37, 0, 153



6, 0, 26



# Inverse Universe

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



177, 132, 166



230, 158, 212



132, 177, 165



89, 80, 87



153, 0, 116



26, 0, 19



# Previews

## White Background



This preview shows how the RYB color 143, 132, 177 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 143, 132, 177 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 × Fail

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



## RYP 143, 132, 177 Background



This preview shows how black text looks on a background with the RYB color 143, 132, 177.



This preview shows how white text looks on a background with the RYB color 143, 132, 177.

# 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



### Original Color

143, 132, 177

### Protanopia

127, 135, 180

### Deuteranopia

132, 136, 176



**Tritanopia**  
138, 137, 148

# Trichromacy



**Original Color**  
143, 132, 177

**Protanomaly**  
133, 135, 179

**Deuteranomaly**  
136, 135, 176

**Tritanomaly**  
140, 135, 159

# Monochromacy



**Original Color**  
143, 132, 177

**Achromatopsia**  
140, 140, 140

**Achromatomaly**  
141, 137, 153

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 143, 132, 177 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(143, 132, 177)` looks like.

```
.text, #text, p{  
    color:rgb(143, 132, 177)  
}
```

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(143, 132, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 132, 177) }
```

## Border

The CSS property to change the border of an element to RYB 143, 132, 177 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(143, 132, 177) }
```

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

```
.border{ border-color:rgb(143, 132, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 132, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 132, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 132, 177);  
box-shadow:4px 4px 4px 4px rgb(143, 132,  
177) }
```

# Background

The CSS property to change the background color of an element to RYB 143, 132, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 132, 177) }
```

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

```
.background{ background-color: rgb(143,  
132, 177) }
```

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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