

# Converting Colors

`RYB(135, 126, 141)`

Have a look what the booklet for  
RYB(135, 126, 141) contains.

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# Color

**R<sub>Y</sub>B(135, 126, 141)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	877E8D
RGB	135, 126, 141
RGB Percent	53%, 49%, 55%
CMY	0.4706, 0.5059, 0.4471
CMYK	0.04, 0.11, 0.00, 0.45
HSL	276°, 6%, 52%
HSV	276°, 11%, 55%
XYZ	22.2602, 21.9957, 28.2717
YIQ	130.4010, 0.5490, 6.5730

# Conversions

## Conversions Part 2

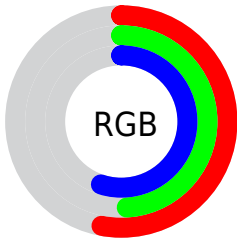
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 126, 141
Decimal	8879757
CIE Lab	54.02, 6.38, -6.86
CIE LCh	54, 9.372, 312.904
Yxy	21.9957, 0.3069, 0.3033
Android (android.graphics.Color)	4287069837 (0xFF877E8D)
YUV	130.4010, 5.2253, 4.0333
Hunter-Lab	46.8996, 2.6484, -2.9111

# Details

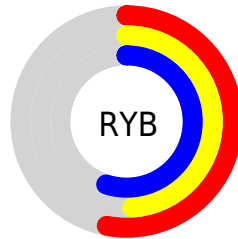
The RYB color **135, 126, 141** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **126, 141, 135**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **188, 179, 195**, and **85, 77, 91** is the 20% darker color. If you saturate the color by 10%, you get **129, 112, 141**, and if you desaturate by 10%, it is **141, 140, 141**.

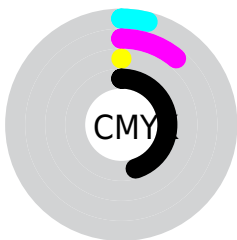
# Distribution



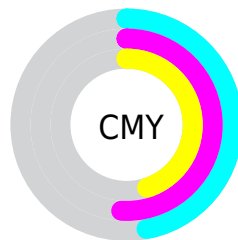
- Red (53%)
- Green (49%)
- Blue (55%)



- Red (53%)
- Yellow (49%)
- Blue (55%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (45%)



- Cyan (47%)
- Magenta (51%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 135, 126, 141 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 135, 126, 141 by changing the saturation by 10% instead.



■ 135, 126, 141

255, 255, 255

■ 188, 179, 195

■ 216, 206, 222

■ 244, 234, 251

■ 135, 126, 141

■ 110, 101, 115

■ 85, 77, 91

■ 62, 54, 67

■ 40, 33, 45

■ 20, 10, 25

■ 0, 0, 0

■ 135, 126, 141

■ 129, 112, 141

■ 124, 98, 141

■ 135, 126, 141

■ 141, 140, 141

■ 141, 154, 149

118, 84, 141

141, 168, 157

112, 70, 141

141, 182, 165

107, 55, 141

141, 197, 175

101, 41, 141

141, 211, 183

96, 27, 141

141, 225, 192

90, 13, 141

141, 239, 200

85, 0, 141

141, 253, 208

# Harmonies

## Analogous

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



125, 128, 145



135, 126, 141



143, 124, 134

# Triad

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



135, 126, 141



140, 140, 114



109, 122, 134

# Complementary

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



135, 126, 141



126, 141, 135

# 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.



114, 127, 134



135, 126, 141



115, 132, 113

# Square

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



135, 126, 141



145, 127, 118



117, 132, 126



110, 123, 140

# Rectangle

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



135, 126, 141



146, 124, 129



117, 132, 126



111, 124, 134



# Sweetspot

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



135, 126, 141



181, 178, 184



126, 130, 141



90, 88, 92



219, 219, 219



92, 92, 92



# Same Dimension

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



135, 126, 141



174, 160, 184



141, 126, 140



69, 64, 71



81, 0, 135



5, 0, 8



# Inverse Universe

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



141, 126, 132



184, 160, 169



126, 139, 141



71, 64, 67



135, 0, 54



8, 0, 3



# Previews

## White Background



This preview shows how the RYB color 135, 126, 141 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 135, 126, 141 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

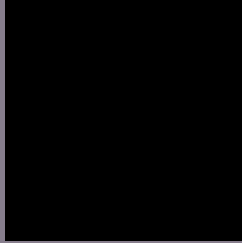
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## **RYB 135, 126, 141 Background**



This preview shows how black text looks on a background with the RYB color 135, 126, 141.

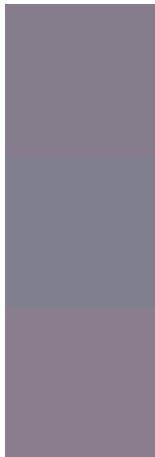


This preview shows how white text looks on a background with the RYB color 135, 126, 141.

# 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**  
[135](#), [126](#), [141](#)

**Protanopia**  
[128](#), [128](#), [142](#)

**Deuteranopia**  
[136](#), [126](#), [141](#)



**Tritanopia**  
134, 127, 137

# Trichromacy



**Original Color**

135, 126, 141

**Protanomaly**

131, 127, 142

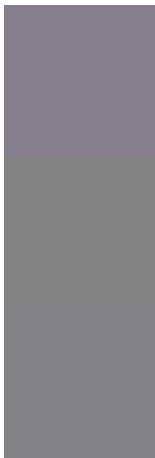
**Deuteranomaly**

136, 126, 141

**Tritanomaly**

134, 127, 138

# Monochromacy



**Original Color**

135, 126, 141

**Achromatopsia**

130, 130, 130

**Achromatomaly**

132, 129, 134

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 135, 126, 141 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(135, 126, 141) looks like.

```
.text, #text, p{  
    color:rgb(135, 126, 141)  
}
```

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(135, 126, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 126, 141) }
```

## Border

The CSS property to change the border of an element to RYB 135, 126, 141 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(135, 126, 141) }
```

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

```
.border{ border-color:rgb(135, 126, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 126, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 126, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 126, 141);  
box-shadow:4px 4px 4px 4px rgb(135, 126,  
141) }
```

# Background

The CSS property to change the background color of an element to RYB 135, 126, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 126, 141) }
```

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

```
.background{ background-color: rgb(135,  
126, 141) }
```

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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