

# Converting Colors

`RYB(126, 133, 142)`

Have a look what the booklet for  
RYB(126, 133, 142) contains.

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# Color

**R<sub>Y</sub>B(126, 133, 142)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E8A8E
RGB	126, 138, 142
RGB Percent	49%, 54%, 56%
CMY	0.5059, 0.4571, 0.4431
CMYK	0.11, 0.03, 0.00, 0.44
HSL	193°, 7%, 53%
HSV	193°, 11%, 56%
XYZ	22.6390, 24.6934, 29.1643
YIQ	134.8680, -8.4360, -1.3000

# Conversions

## Conversions Part 2

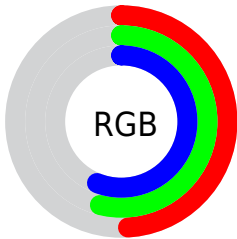
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 133, 142
Decimal	8293006
CIE <sub>Lab</sub>	56.78, -3.75, -3.45
CIE <sub>LCh</sub>	57, 5.092, 222.606
Yxy	24.6934, 0.2959, 0.3228
Android (android.graphics.Color)	4286483086 (0xFF7E8A8E)
YUV	134.8680, 3.5161, -7.7772
Hunter-Lab	49.6924, -5.6401, -0.0124

# Details

The RYB color **126, 133, 142** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **142, 131, 126**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **179, 186, 196**, and **77, 83, 92** is the 20% darker color. If you saturate the color by 10%, you get **112, 125, 142**, and if you desaturate by 10%, it is **140, 141, 142**.

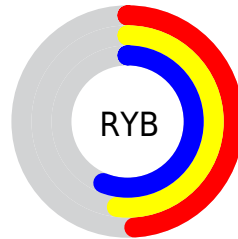
# Distribution



Red (49%)

Green (54%)

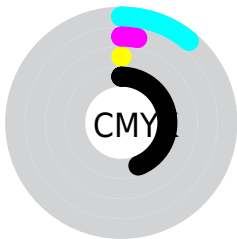
Blue (56%)



Red (49%)

Yellow (52%)

Blue (56%)

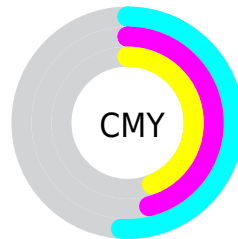


Cyan (11%)

Magenta (3%)

Yellow (0%)

Black (44%)



Cyan (51%)

Magenta (46%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 126, 133, 142 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 126, 133, 142 by changing the saturation by 10% instead.



■ 126, 133, 142

255, 255, 255

■ 179, 186, 196

■ 206, 214, 224

■ 235, 242, 252

■ 126, 133, 142

■ 101, 108, 116

■ 77, 84, 92

■ 54, 60, 68

■ 32, 38, 46

■ 11, 18, 26

■ 0, 0, 0

■ 126, 133, 142

■ 112, 125, 142

■ 98, 117, 142

■ 126, 133, 142

■ 140, 141, 142

■ 154, 146, 142

83, 109, 142

169, 150, 142

69, 101, 142

183, 154, 142

55, 93, 142

197, 157, 142

41, 85, 142

211, 161, 142

27, 77, 142

225, 167, 142

12, 69, 142

240, 170, 142

0, 62, 142

254, 174, 142

# Harmonies

## Analogous

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



126, 133, 139



126, 133, 142



129, 134, 144

# Triad

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



126, 133, 142



144, 134, 139



131, 138, 128

# Complementary

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



126, 133, 142



142, 131, 126

# 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.



143, 141, 128



126, 133, 142



146, 133, 134

# Square

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



126, 133, 142



139, 135, 143



145, 135, 130



130, 138, 135

# Rectangle

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



126, 133, 142



132, 135, 145



145, 135, 130



133, 140, 127



# Sweetspot

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



126, 133, 142



178, 180, 184



126, 139, 142



88, 90, 92



219, 219, 219



92, 92, 92



# Same Dimension

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



126, 133, 142



158, 169, 184



126, 130, 142



64, 67, 71



0, 59, 135



0, 3, 8



# Inverse Universe

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



142, 126, 138



184, 158, 178



133, 142, 126



71, 64, 70



135, 0, 105



8, 0, 6



# Previews

## White Background



This preview shows how the RYB color 126, 133, 142 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 126, 133, 142 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

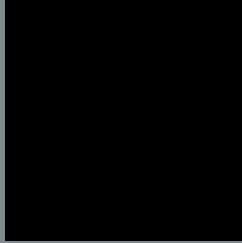
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

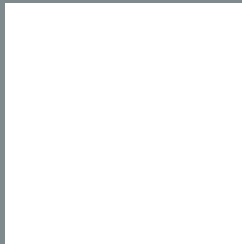
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RYB 126, 133, 142 Background



This preview shows how black text looks on a background with the RYB color 126, 133, 142.



This preview shows how white text looks on a background with the RYB color 126, 133, 142.

# 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**  
126, 133, 142

**Protanopia**  
137, 135, 140

**Deuteranopia**  
146, 132, 143



**Tritanopia**  
127, 134, 148

# Trichromacy



## Original Color

126, 133, 142

## Protanomaly

133, 135, 141

## Deuteranomaly

139, 134, 143

## Tritanomaly

127, 134, 146

# Monochromacy



## Original Color

126, 133, 142

## Achromatopsia

135, 135, 135

## Achromatomaly

132, 134, 138

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 126, 133, 142 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(126, 138, 142) looks like.

```
.text, #text, p{  
    color:rgb(126, 138, 142)  
}
```

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(126, 138, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 138, 142) }
```

## Border

The CSS property to change the border of an element to RYB 126, 133, 142 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(126, 138, 142) }
```

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

```
.border{ border-color:rgb(126, 138, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 138, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 138, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 138, 142);  
box-shadow:4px 4px 4px 4px rgb(126, 138,  
142) }
```

# Background

The CSS property to change the background color of an element to RYB 126, 133, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 138, 142) }
```

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

```
.background{ background-color: rgb(126,  
138, 142) }
```

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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