

Converting Colors

`RYB(128, 139, 134)`

Have a look what the booklet for
RYB(128, 139, 134) contains.

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Color

R_YB(128, 139, 134)

Conversions

Conversions Part 1

Format	Color
Hex	858B80
RGB	133, 139, 128
RGB Percent	52%, 55%, 50%
CMY	0.4784, 0.4549, 0.4980
CMYK	0.04, 0.00, 0.08, 0.45
HSL	93°, 5%, 52%
HSV	93°, 8%, 55%
XYZ	22.8018, 25.0103, 24.0478
YIQ	135.9520, -0.0450, -4.6930

Conversions

Conversions Part 2

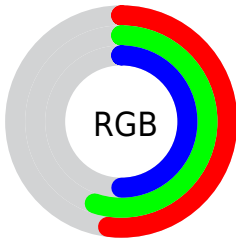
Format	Color
RYB	128, 139, 134
Decimal	8752000
CIELab	57.09, -4.34, 5.12
CIElCh	57, 6.711, 130.329
Yxy	25.0103, 0.3173, 0.3480
Android (android.graphics.Color)	4286942080 (0xFF858B80)
YUV	135.9520, -3.9203, -2.5889
Hunter-Lab	50.0103, -6.1325, 6.4972

Details

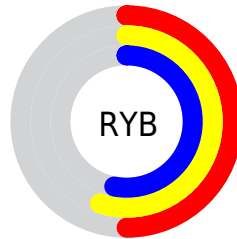
The RYB color **128, 139, 134** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **134, 128, 139**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **181, 192, 187**, and **79, 89, 84** is the 20% darker color. If you saturate the color by 10%, you get **114, 139, 128**, and if you desaturate by 10%, it is **141, 139, 142**.

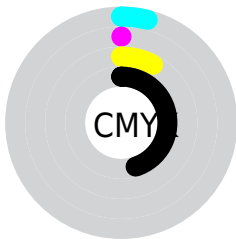
Distribution



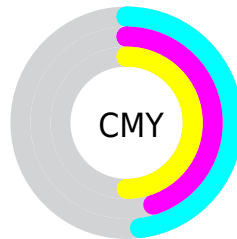
- Red (52%)
- Green (55%)
- Blue (50%)



- Red (50%)
- Yellow (55%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (45%)



- Cyan (48%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 139, 134 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 128, 139, 134 by changing the saturation by 10% instead.

■ 128, 139, 134

255, 255, 255

■ 181, 192, 187

■ 208, 220, 214

■ 237, 249, 244

■ 128, 139, 134

■ 103, 114, 109

■ 79, 89, 84

■ 56, 66, 62

■ 35, 44, 40

■ 13, 23, 18

■ 0, 0, 0

■ 128, 139, 134

■ 114, 139, 128

■ 100, 139, 121

■ 128, 139, 134

■ 141, 139, 142

■ 148, 139, 156

■ 86, 139, 115

■ 156, 139, 170

■ 72, 139, 108

■ 163, 139, 184

■ 59, 139, 103

■ 171, 139, 197

■ 45, 139, 96

■ 178, 139, 211

■ 31, 139, 90

■ 186, 139, 225

■ 17, 139, 84

■ 194, 139, 239

■ 3, 139, 77

■ 201, 139, 253

Harmonies

Analogous

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



130, 140, 126



128, 139, 134



127, 136, 140

Triad

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



128, 139, 134



127, 135, 148



150, 133, 135

Complementary

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



128, 139, 134



134, 128, 139

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.



147, 134, 141



128, 139, 134



134, 136, 148

Square

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



128, 139, 134



123, 132, 144



141, 135, 146



149, 135, 130

Rectangle

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



128, 139, 134



124, 134, 141



141, 135, 146



149, 133, 137

Sweetspot

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



128, 139, 134



177, 181, 179



137, 139, 128



90, 92, 91



219, 219, 219



92, 92, 92

Same Dimension

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



128, 139, 134



165, 181, 174



128, 139, 139



62, 69, 66



0, 133, 73



0, 5, 3

Inverse Universe

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



134, 128, 139



174, 165, 181



139, 128, 139



66, 62, 69



72, 0, 133



3, 0, 5

Previews

White Background



This preview shows how the RYB color 128, 139, 134 looks on a white background.

Color Contrast Check

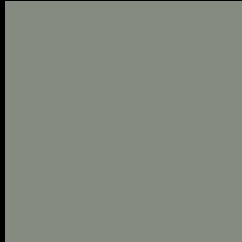
Large Text (above 18pt) WCAG AA ✓ Pass

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 128, 139, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

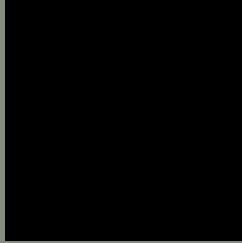
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

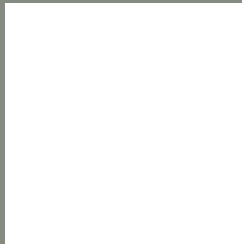
Any Text WCAG AAA × Fail

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

RYB 128, 139, 134 Background



This preview shows how black text looks on a background with the RYB color 128, 139, 134.



This preview shows how white text looks on a background with the RYB color 128, 139, 134.

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
128, 139, 134

Protanopia
137, 142, 127

Deuteranopia
153, 132, 129



Tritanopia
136, 136, 147

Trichromacy



Original Color

128, 139, 134

Protanomaly

129, 139, 127

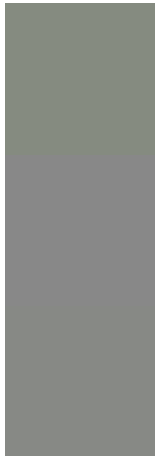
Deuteranomaly

146, 138, 129

Tritanomaly

135, 136, 140

Monochromacy



Original Color

128, 139, 134

Achromatopsia

136, 136, 136

Achromatomaly

133, 137, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 139, 134 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(133, 139, 128) looks like.

```
.text, #text, p{  
    color:rgb(133, 139, 128)  
}
```

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(133, 139, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 139, 128) }
```

Border

The CSS property to change the border of an element to RYB 128, 139, 134 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(133, 139, 128) }
```

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

```
.border{ border-color:rgb(133, 139, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 139, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 139, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 139, 128);  
box-shadow:4px 4px 4px 4px rgb(133, 139,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 128, 139, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 139, 128) }
```

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

```
.background{ background-color: rgb(133,  
139, 128) }
```

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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