

# Converting Colors

RGB(133, 150, 140)

Have a look what the booklet for  
RGB(133, 150, 140) contains.

<b>RGB(133, 150, 140)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**RGB(133, 150, 140)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85968C
RGB	133, 150, 140
RGB Percent	52%, 59%, 55%
CMY	0.4784, 0.4118, 0.4510
CMYK	0.11, 0.00, 0.07, 0.41
HSL	145°, 7%, 55%
HSV	145°, 11%, 59%
XYZ	25.3128, 28.6927, 29.0151
YIQ	143.7770, -6.9220, -6.7140

# Conversions

## Conversions Part 2

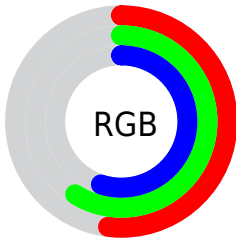
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 145, 150
Decimal	8754828
CIELab	60.51, -8.09, 3.21
CIELCh	61, 8.706, 158.356
Yxy	28.6927, 0.3049, 0.3456
Android (android.graphics.Color)	4286944908 (0xFF85968C)
YUV	143.7770, -1.8621, -9.4514
Hunter-Lab	53.5656, -9.3881, 5.3801

# Details

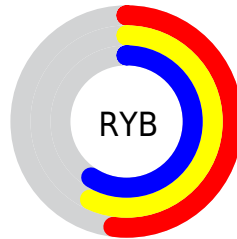
The RGB color **133, 150, 140** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **150, 133, 143**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **186, 204, 194**, and **83, 99, 90** is the 20% darker color. If you saturate the color by 10%, you get **118, 150, 131**, and if you desaturate by 10%, it is **148, 150, 149**.

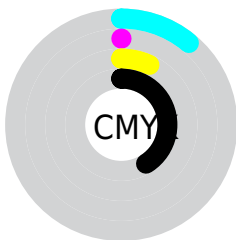
# Distribution



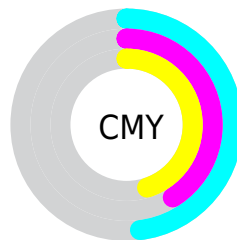
- Red (52%)
- Green (59%)
- Blue (55%)



- Red (52%)
- Yellow (57%)
- Blue (59%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (48%)
- Magenta (41%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 133, 150, 140 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 RGB color 133, 150, 140 by changing the saturation by 10% instead.



 133, 150, 140


255, 255, 255

 186, 204, 194


 214, 232, 221

 242, 255, 250

 133, 150, 140

 108, 124, 115

 83, 99, 90

 60, 75, 67

 38, 53, 45

 18, 31, 24

 0, 3, 0

 0, 0, 0

 133, 150, 140


 118, 150, 131

 133, 150, 140


 148, 150, 149


 103, 150, 122

 163, 150, 158


 88, 150, 114


 178, 150, 166


 73, 150, 105

 193, 150, 175


 58, 150, 96


 208, 150, 184


 43, 150, 87


 223, 150, 193

 28, 150, 78

 238, 150, 202

 13, 150, 69

 253, 150, 211

 0, 150, 62

 255, 150, 219

# Harmonies

## Analogous

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



141, 148, 134



133, 150, 140



128, 151, 148

# Triad

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



133, 150, 140



141, 146, 161



162, 142, 137

# Complementary

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



133, 150, 140



150, 133, 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.



162, 141, 144



133, 150, 140



150, 143, 158

# Square

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



133, 150, 140



132, 148, 160



158, 141, 152



158, 144, 132

# Rectangle

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



133, 150, 140



127, 150, 153



158, 141, 152



163, 141, 139



# Sweetspot

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



133, 150, 140



188, 194, 190



143, 150, 133



93, 97, 95



224, 224, 224



97, 97, 97



# Same Dimension

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



133, 150, 140



167, 194, 178



133, 150, 148



67, 74, 70



0, 138, 57



0, 10, 4



# Inverse Universe

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



150, 133, 143



194, 167, 183



150, 133, 135



74, 67, 71



138, 0, 81



10, 0, 6



# Previews

## White Background



This preview shows how the RGB color 133, 150, 140 looks on a white background.

## Color Contrast Check

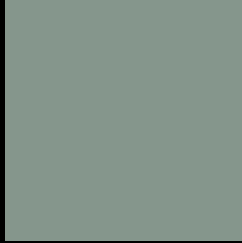
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 133, 150, 140 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

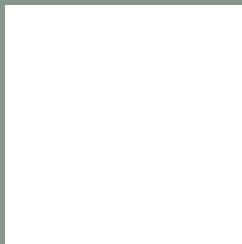
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 133, 150, 140 Background



This preview shows how black text looks on a background with the RGB color 133, 150, 140.



This preview shows how white text looks on a background with the RGB color 133, 150, 140.

# 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

133, 150, 140

### Protanopia

150, 145, 137

### Deuteranopia

161, 141, 142



# Tritanopia

136, 147, 159

# Trichromacy



## Original Color

133, 150, 140

## Protanomaly

144, 147, 138

## Deuteranomaly

151, 144, 141

## Tritanomaly

135, 148, 152

# Monochromacy



## Original Color

133, 150, 140

## Achromatopsia

144, 144, 144

## Achromatomaly

140, 146, 143

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 133, 150, 140 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, 150, 140)` looks like.

```
.text, #text, p{  
    color:rgb(133, 150, 140)  
}
```

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, 150, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 150, 140) }
```

## Border

The CSS property to change the border of an element to RGB 133, 150, 140 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, 150, 140) }
```

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

```
.border{ border-color:rgb(133, 150, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 150, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 150, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 150, 140);  
box-shadow:4px 4px 4px 4px rgb(133, 150,  
140) }
```

# Background

The CSS property to change the background color of an element to RGB 133, 150, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 150, 140) }
```

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

```
.background{ background-color: rgb(133,  
150, 140) }
```

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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