

# Converting Colors

RGB(79, 158, 134)

Have a look what the booklet for  
RGB(79, 158, 134) contains.

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# Color

**RGB(79, 158, 134)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F9E86
RGB	79, 158, 134
RGB Percent	31%, 62%, 53%
CMY	0.6902, 0.3804, 0.4745
CMYK	0.50, 0.00, 0.15, 0.38
HSL	162°, 33%, 46%
HSV	162°, 50%, 62%
XYZ	19.7544, 27.8372, 26.8862
YIQ	131.6430, -39.3800, -24.2120

# Conversions

## Conversions Part 2

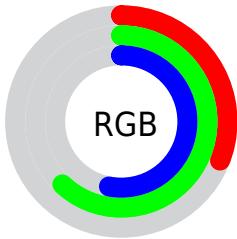
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 126, 158
Decimal	5217926
CIELab	59.74, -30.30, 5.11
CIElCh	60, 30.727, 170.418
Yxy	27.8372, 0.2652, 0.3738
Android (android.graphics.Color)	4283408006 (0xFF4F9E86)
YUV	131.6430, 1.1620, -46.1679
Hunter-Lab	52.7610, -25.4990, 6.7194

# Details

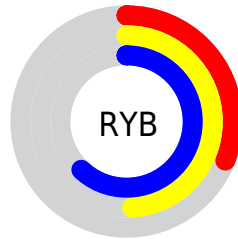
The RGB color **79, 158, 134** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **158, 79, 103**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **133, 213, 187**, and **19, 106, 84** is the 20% darker color. If you saturate the color by 10%, you get **63, 158, 129**, and if you desaturate by 10%, it is **95, 158, 139**.

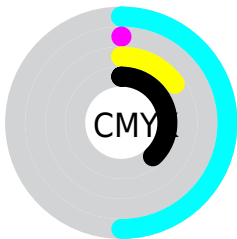
# Distribution



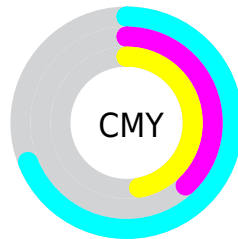
- Red (31%)
- Green (62%)
- Blue (53%)



- Red (31%)
- Yellow (49%)
- Blue (62%)



- Cyan (50%)
- Magenta (0%)
- Yellow (15%)
- Black (38%)



- Cyan (69%)
- Magenta (38%)
- Yellow (47%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 79, 158, 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 RGB color 79, 158, 134 by changing the saturation by 10% instead.



 79, 158, 134       79, 158, 134

255, 255, 255       51, 132, 109

 133, 213, 187       19, 106, 84

 161, 242, 215       0, 81, 61

 189, 255, 243       0, 58, 40

 218, 255, 255       0, 37, 19

 247, 255, 255       0, 0, 0

 79, 158, 134       79, 158, 134

 63, 158, 129       95, 158, 139

 47, 158, 124       111, 158, 144

■ 32, 158, 120

■ 126, 158, 148

■ 16, 158, 115

■ 142, 158, 153

■ 0, 158, 110

■ 158, 158, 158

■ 174, 158, 163

■ 190, 158, 168

■ 205, 158, 172

■ 221, 158, 177

# Harmonies

## Analogous

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



112, 154, 109



79, 158, 134



49, 158, 162

# Triad

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



79, 158, 134



135, 140, 194



189, 130, 103

# Complementary

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



79, 158, 134



158, 79, 103

# 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.



197, 124, 126



79, 158, 134



170, 130, 179

# Square

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



79, 158, 134



92, 149, 197



191, 124, 154



170, 139, 91

# Rectangle

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



79, 158, 134



45, 157, 178



191, 124, 154



193, 128, 110



# Sweetspot

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



79, 158, 134



176, 207, 197



104, 158, 79



86, 105, 99



232, 232, 232



105, 105, 105



# Same Dimension

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



79, 158, 134



83, 207, 169



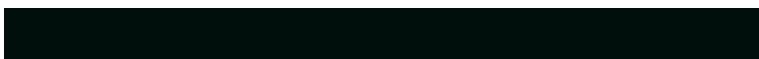
79, 144, 158



71, 79, 77



0, 143, 99



0, 15, 11



# Inverse Universe

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



158, 79, 103



207, 83, 120



158, 93, 79



79, 71, 74



143, 0, 43

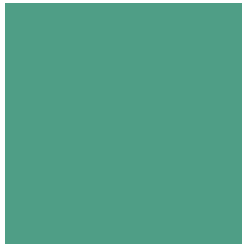


15, 0, 5



# Previews

## White Background



This preview shows how the RGB color 79, 158, 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 RGB color 79, 158, 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](#).



## RGB 79, 158, 134 Background



This preview shows how black text looks on a background with the RGB color 79, 158, 134.



This preview shows how white text looks on a background with the RGB color 79, 158, 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





**Tritanopia**  
88, 154, 166

# Trichromacy



**Original Color**

79, 158, 134



**Protanomaly**

124, 148, 129



**Deuteranomaly**

130, 145, 137



**Tritanomaly**

85, 155, 154

# Monochromacy



**Original Color**

79, 158, 134



**Achromatopsia**

132, 132, 132



**Achromatomaly**

113, 141, 133

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 79, 158, 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(79, 158, 134)` looks like.

```
.text, #text, p{  
    color:rgb(79, 158, 134)  
}
```

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(79, 158, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 158, 134) }
```

## Border

The CSS property to change the border of an element to RGB 79, 158, 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(79, 158, 134) }
```

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

```
.border{ border-color:rgb(79, 158, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 158, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 158, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 158, 134);  
box-shadow:4px 4px 4px 4px rgb(79, 158,  
134) }
```

# Background

The CSS property to change the background color of an element to RGB 79, 158, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 158, 134) }
```

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

```
.background{ background-color: rgb(79, 158,  
134) }
```

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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