

# Converting Colors

RGB(125, 135, 135)

Have a look what the booklet for  
RGB(125, 135, 135) contains.

<b>RGB(125, 135, 135)</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(125, 135, 135)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D8787
RGB	125, 135, 135
RGB Percent	49%, 53%, 53%
CMY	0.5098, 0.4706, 0.4706
CMYK	0.07, 0.00, 0.00, 0.47
HSL	180°, 4%, 51%
HSV	180°, 7%, 53%
XYZ	21.4946, 23.4372, 26.3126
YIQ	132.0100, -5.9600, -2.1200

# Conversions

## Conversions Part 2

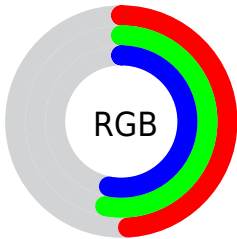
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 130, 135
Decimal	8226695
CIE Lab	55.52, -3.65, -1.27
CIE LCh	56, 3.862, 199.120
Yxy	23.4372, 0.3017, 0.3290
Android (android.graphics.Color)	4286416775 (0xFF7D8787)
YUV	132.0100, 1.4741, -6.1478
Hunter-Lab	48.4120, -5.4681, 1.6634

# Details

The RGB color `125, 135, 135` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `135, 125, 125`, and the grayscale version is `132, 132, 132`.

A 20% lighter version of the original color is `178, 188, 188`, and `76, 85, 85` is the 20% darker color. If you saturate the color by 10%, you get `111, 135, 135`, and if you desaturate by 10%, it is `139, 135, 135`.

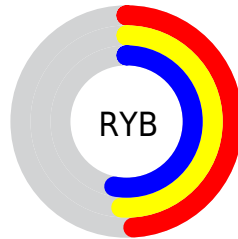
# Distribution



Red (49%)

Green (53%)

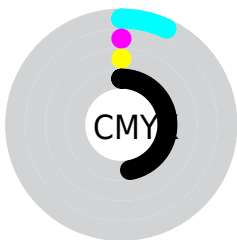
Blue (53%)



Red (49%)

Yellow (51%)

Blue (53%)

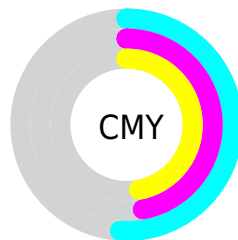


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (47%)



Cyan (51%)

Magenta (47%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 125, 135, 135 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 125, 135, 135 by changing the saturation by 10% instead.



 125, 135, 135


255, 255, 255

 178, 188, 188

 205, 216, 216

 233, 244, 244

 125, 135, 135

 100, 110, 110

 76, 85, 85


 53, 62, 62


 32, 40, 40

 9, 20, 20

 0, 0, 0


 125, 135, 135

 111, 135, 135

 98, 135, 135

 125, 135, 135

 139, 135, 135

 152, 135, 135

85, 135, 135

166, 135, 135

71, 135, 135

179, 135, 135

58, 135, 135

193, 135, 135

44, 135, 135

206, 135, 135

30, 135, 135

219, 135, 135

17, 135, 135

233, 135, 135

3, 135, 135

247, 135, 135

# Harmonies

## Analogous

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



126, 135, 132



125, 135, 135



126, 135, 138

# Triad

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



125, 135, 135



136, 132, 137



137, 132, 126

# Complementary

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



125, 135, 135



135, 125, 125

# 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.



140, 131, 128



125, 135, 135



139, 131, 134

# Square

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



125, 135, 135



132, 133, 139



140, 131, 131



134, 133, 127

# Rectangle

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



125, 135, 135



127, 134, 139



140, 131, 131



138, 132, 127



# Sweetspot

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



125, 135, 135



172, 176, 176



125, 135, 125



87, 89, 89



217, 217, 217



89, 89, 89



# Same Dimension

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



125, 135, 135



160, 176, 176



125, 130, 135



60, 66, 66



0, 130, 130



0, 3, 3



# Inverse Universe

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



135, 125, 135



176, 160, 176



135, 130, 125



66, 60, 66



130, 0, 130



3, 0, 3



# Previews

## White Background



This preview shows how the RGB color 125, 135, 135 looks on a white background.

## Color Contrast Check

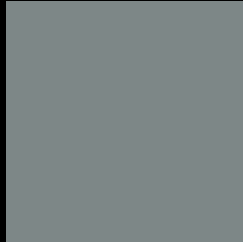
Large Text (above 18pt) WCAG AA ✓ Pass

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 125, 135, 135 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

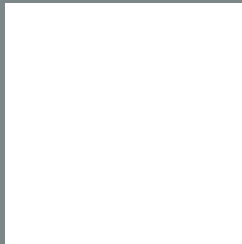
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 125, 135, 135 Background



This preview shows how black text looks on a background with the RGB color 125, 135, 135.



This preview shows how white text looks on a background with the RGB color 125, 135, 135.

# 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

125, 135, 135

### Protanopia

135, 132, 133

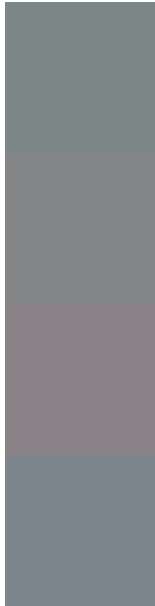
### Deuteranopia

144, 129, 136



**Tritanopia**  
127, 134, 144

# Trichromacy



## Original Color

125, 135, 135

## Protanomaly

131, 133, 134

## Deuteranomaly

137, 131, 136

## Tritanomaly

126, 134, 141

# Monochromacy



## Original Color

125, 135, 135

## Achromatopsia

132, 132, 132

## Achromatomaly

129, 133, 133

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 125, 135, 135 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(125, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(125, 135, 135)  
}
```

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(125, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 135, 135) }
```

## Border

The CSS property to change the border of an element to RGB 125, 135, 135 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(125, 135, 135) }
```

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

```
.border{ border-color:rgb(125, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(125, 135,  
135) }
```

# Background

The CSS property to change the background color of an element to RGB 125, 135, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 135, 135) }
```

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

```
.background{ background-color: rgb(125,  
135, 135) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor