

Converting Colors

RGB(117, 144, 145)

Have a look what the booklet for
RGB(117, 144, 145) contains.

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Color

RGB(117, 144, 145)

Conversions

Conversions Part 1

Format	Color
Hex	759091
RGB	117, 144, 145
RGB Percent	46%, 56%, 57%
CMY	0.5412, 0.4353, 0.4314
CMYK	0.19, 0.01, 0.00, 0.43
HSL	182°, 11%, 51%
HSV	182°, 19%, 57%
XYZ	22.4202, 25.7728, 30.5810
YIQ	136.0410, -16.4130, -5.4130

Conversions

Conversions Part 2

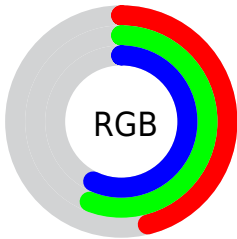
Format	Color
R_{YB}	117, 131, 145
Decimal	7704721
CIE _{Lab}	57.82, -9.26, -3.70
CIE _{LCh}	58, 9.967, 201.788
Yxy	25.7728, 0.2846, 0.3272
Android (android.graphics.Color)	4285894801 (0xFF759091)
YUV	136.0410, 4.4168, -16.6990
Hunter-Lab	50.7669, -10.0110, -0.1784

Details

The RGB color `117, 144, 145` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `145, 118, 117`, and the grayscale version is `136, 136, 136`.

A 20% lighter version of the original color is `170, 198, 199`, and `68, 94, 95` is the 20% darker color. If you saturate the color by 10%, you get `102, 143, 145`, and if you desaturate by 10%, it is `132, 145, 145`.

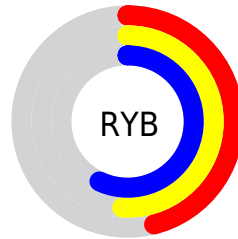
Distribution



Red (46%)

Green (56%)

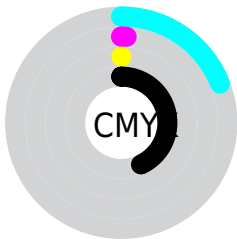
Blue (57%)



Red (46%)

Yellow (51%)

Blue (57%)

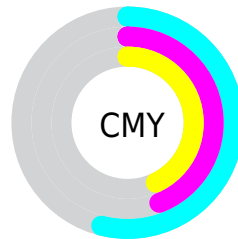


Cyan (19%)

Magenta (1%)

Yellow (0%)

Black (43%)



Cyan (54%)

Magenta (44%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 144, 145 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 117, 144, 145 by changing the saturation by 10% instead.

■ 117, 144, 145

255, 255, 255

■ 170, 198, 199

■ 197, 226, 227

■ 225, 254, 255

254, 255, 255

■ 117, 144, 145

■ 102, 143, 145

■ 88, 143, 145

■ 117, 144, 145

■ 92, 118, 119

■ 68, 94, 95

■ 45, 70, 71

■ 23, 48, 49

■ 0, 27, 28

■ 0, 0, 0

■ 117, 144, 145

■ 132, 145, 145

■ 146, 145, 145

74, 142, 145

161, 146, 145

59, 142, 145

175, 146, 145

45, 141, 145

190, 147, 145

30, 141, 145

204, 147, 145

15, 140, 145

219, 148, 145

1, 140, 145

233, 148, 145

0, 140, 145

248, 149, 145

Harmonies

Analogous

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



121, 144, 136



117, 144, 145



119, 143, 152

Triad

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



117, 144, 145



148, 135, 150



149, 137, 122

Complementary

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



117, 144, 145



145, 118, 117

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.



155, 135, 126



117, 144, 145



155, 133, 142

Square

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



117, 144, 145



138, 137, 155



158, 133, 133



139, 140, 123

Rectangle

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



117, 144, 145



124, 141, 155



158, 133, 133



151, 137, 123

Sweetspot

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



117, 144, 145



177, 188, 189



117, 145, 118



88, 94, 94



222, 222, 222



94, 94, 94

Same Dimension

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



117, 144, 145



145, 187, 189



117, 130, 145



64, 71, 71



0, 130, 135



0, 7, 8

Inverse Universe

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



145, 117, 144



189, 145, 187



145, 132, 117



71, 64, 71



135, 0, 130



8, 0, 7

Previews

White Background



This preview shows how the RGB color 117, 144, 145 looks on a white background.

Color Contrast Check

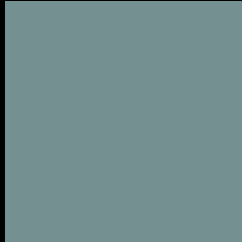
Large Text (above 18pt) WCAG AA ✓ Pass

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 117, 144, 145 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 117, 144, 145 Background



This preview shows how black text looks on a background with the RGB color 117, 144, 145.



This preview shows how white text looks on a background with the RGB color 117, 144, 145.

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


117, 144, 145

Protanopia

140, 138, 141

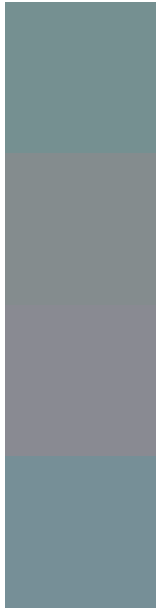
Deuteranopia

148, 135, 147



Tritanopia
119, 143, 154

Trichromacy



Original Color

117, 144, 145

Protanomaly

132, 140, 142

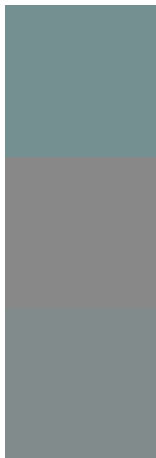
Deuteranomaly

137, 138, 146

Tritanomaly

118, 143, 151

Monochromacy



Original Color

117, 144, 145

Achromatopsia

136, 136, 136

Achromatomaly

129, 139, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 144, 145 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(117, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(117, 144, 145)  
}
```

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(117, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 144, 145) }
```

Border

The CSS property to change the border of an element to RGB 117, 144, 145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

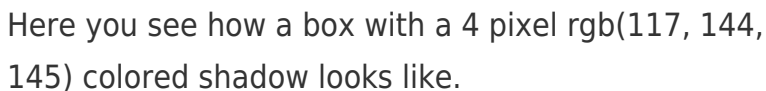
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 144, 145) }
```

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

```
.border{ border-color:rgb(117, 144, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 144, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 144, 145); box-shadow:4px 4px 4px 4px rgb(117, 144, 145) }
```

Background

The CSS property to change the background color of an element to RGB 117, 144, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 144, 145) }
```

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

```
.background{ background-color: rgb(117,  
144, 145) }
```

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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