Converting Colors

RGB(54, 127, 128)

Have a look what the booklet for RGB(54, 127, 128) contains.

Color

RGB(54, 127, 128)

Conversions

Conversions Part 1

Format	Color
Hex	367F80
RGB	54, 127, 128
RGB Percent	21%, 50%, 50%
CMY	0.7882, 0.5020, 0.4980
CMYK	0.58, 0.01, 0.00, 0.50
HSL	181°, 41%, 36%
HSV	181°, 58%, 50%
XYZ	13.0070, 17.5215, 23.1185
YIQ	105.2870, -43.8290, -15.1650

Conversions

Conversions Part 2

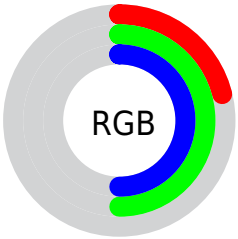
Format	Color
RYB	54, 91, 128
Decimal	3571584
CIELab	48.91, -22.13, -7.40
CIELCh	49, 23.330, 198.494
Yxy	17.5215, 0.2425, 0.3266
Android (android.graphics.Color)	4281761664 (0xFF367F80)
YUV	105.2870, 11.1975, -44.9787
Hunter-Lab	41.8587, -17.7865, -3.4447

Details

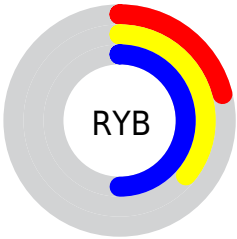
The RGB color 54, 127, 128 is a dark color, and the websafe version is hex 006666. A complement of this color would be 128, 55, 54, and the grayscale version is 105, 105, 105.

A 20% lighter version of the original color is 109, 180, 181, and 0, 77, 79 is the 20% darker color. If you saturate the color by 10%, you get 41, 127, 128, and if you desaturate by 10%, it is 67, 127, 128.

Distribution

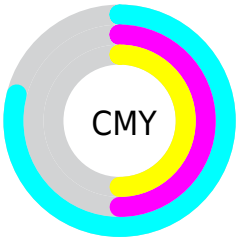


- Red (21%)
- Green (50%)
- Blue (50%)



- Red (21%)
- Yellow (36%)
- Blue (50%)

- Cyan (58%)
- Magenta (1%)
- Yellow (0%)
- Black (50%)



- Cyan (79%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 54, 127, 128 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 54, 127, 128 by changing the saturation by 10% instead.

54, 127, 128

255, 255, 255

109, 180, 181

136, 208, 208

164, 236, 237

192, 255, 255

221, 255, 255

250, 255, 255

54, 127, 128

22, 102, 103

0, 77, 79

0, 54, 56

0, 33, 35

0, 1, 13

0, 0, 0

54, 127, 128

54, 127, 128

41, 127, 128

67, 127, 128

28, 127, 128

16, 126, 128

3, 126, 128

0, 126, 128

80, 127, 128

92, 128, 128

105, 128, 128

118, 128, 128

131, 128, 128

144, 128, 128

156, 128, 128

169, 129, 128

Harmonies

Analogous

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

72, 127, 108

54, 127, 128

55, 125, 145

Triad

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

54, 127, 128

134, 107, 143

137, 112, 78

Complementary

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

54, 127, 128

128, 55, 54

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.

151, 106, 87

54, 127, 128

150, 102, 125

Square

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

54, 127, 128

108, 114, 153

156, 102, 105

117, 119, 78

Rectangle

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

54, 127, 128

70, 122, 152

156, 102, 105

142, 110, 80

Sweetspot

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

54, 127, 128

138, 165, 166

54, 128, 54

67, 84, 84

212, 212, 212

84, 84, 84

Same Dimension

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

54, 127, 128

51, 164, 166

54, 91, 128

57, 64, 64

0, 126, 128

0, 0, 0

Inverse Universe

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

128, 54, 127

166, 51, 164

128, 91, 54

64, 57, 64

128, 0, 126

0, 0, 0

Previews

White Background

This preview shows how the RGB color 54, 127, 128 looks on a white 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

Black Background

This preview shows how the RGB color 54, 127, 128 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 54, 127, 128 Background

This preview shows how black text looks on a background with the RGB color 54, 127, 128.

This preview shows how white text looks on a background with the RGB color 54, 127, 128.

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
54, 127, 128

Protanopia
116, 115, 121

Deuteranopia
119, 113, 131

Tritanopia
57, 126, 136

Trichromacy

Original Color
54, 127, 128

Protanomaly
93, 119, 124

Deuteranomaly
95, 118, 130

Tritanomaly
56, 126, 133

Monochromacy

Original Color
54, 127, 128

Achromatopsia
105, 105, 105

Achromatomaly
86, 113, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 54, 127, 128 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(54, 127, 128) looks like.

```
.text, #text, p{
    color:rgb(54, 127, 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(54, 127, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 127, 128) }
```

Border

The CSS property to change the border of an element to RGB 54, 127, 128 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(54, 127, 128) }
```

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

```
.border{ border-color:rgb(54, 127, 128) }
```

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

Here you see how a box with a 4 pixel rgb(54, 127, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(54, 127, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(54, 127, 128); box-shadow:4px 4px 4px 4px rgb(54, 127, 128) }
```

Background

The CSS property to change the background color of an element to RGB 54, 127, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(54, 127, 128) }
```

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

```
.background{ background-color:rgb(54, 127, 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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