

Converting Colors

RGB(60, 119, 140)

Have a look what the booklet for
RGB(60, 119, 140) contains.

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Color

RGB(60, 119, 140)

Conversions

Conversions Part 1

Format	Color
Hex	3C778C
RGB	60, 119, 140
RGB Percent	24%, 47%, 55%
CMY	0.7647, 0.5333, 0.4510
CMYK	0.57, 0.15, 0.00, 0.45
HSL	196°, 40%, 39%
HSV	196°, 57%, 55%
XYZ	13.1939, 16.0478, 27.2131
YIQ	103.7530, -41.9050, -5.9770

Conversions

Conversions Part 2

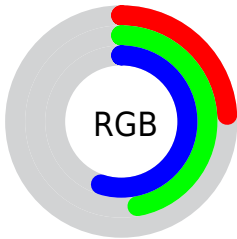
Format	Color
RYB	60, 94, 140
Decimal	3962764
CIELab	47.04, -12.82, -17.30
CIELCh	47, 21.530, 233.450
Yxy	16.0478, 0.2337, 0.2843
Android (android.graphics.Color)	4282152844 (0xFF3C778C)
YUV	103.7530, 17.8698, -38.3714
Hunter-Lab	40.0597, -11.3142, -12.2348

Details

The RGB color **60, 119, 140** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **140, 81, 60**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **114, 171, 194**, and **0, 71, 90** is the 20% darker color. If you saturate the color by 10%, you get **46, 115, 140**, and if you desaturate by 10%, it is **74, 123, 140**.

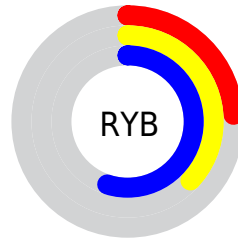
Distribution



Red (24%)

Green (47%)

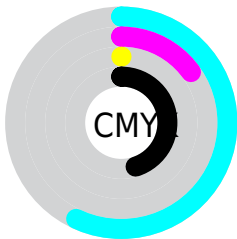
Blue (55%)



Red (24%)

Yellow (37%)

Blue (55%)

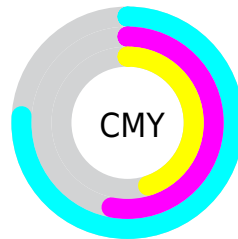


Cyan (57%)

Magenta (15%)

Yellow (0%)

Black (45%)



Cyan (76%)















Magenta (53%)







Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 60, 119, 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 60, 119, 140 by changing the saturation by 10% instead.

 60, 119, 140	 60, 119, 140
 255, 255, 255	 31, 94, 114
 114, 171, 194	 0, 71, 90
 141, 199, 222	 0, 48, 66
 169, 227, 250	 0, 28, 44
 197, 255, 255	 0, 1, 24
 226, 255, 255	 0, 0, 0

 60, 119, 140	 60, 119, 140
 46, 115, 140	 74, 123, 140
 32, 112, 140	 88, 126, 140

■ 18, 108, 140

■ 102, 130, 140

■ 4, 104, 140

■ 116, 134, 140

■ 0, 103, 140

■ 130, 137, 140

■ 144, 141, 140

■ 158, 145, 140

■ 172, 148, 140

■ 186, 152, 140

Harmonies

Analogous

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



55, 121, 125



60, 119, 140



82, 114, 147

Triad

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



60, 119, 140



144, 98, 116



110, 115, 78

Complementary

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



60, 119, 140



140, 81, 60

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.



128, 109, 76



60, 119, 140



148, 99, 98

Square

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



60, 119, 140



131, 102, 133



142, 103, 83



89, 119, 89

Rectangle

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



60, 119, 140



100, 110, 146



142, 103, 83



116, 113, 76

Sweetspot

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



60, 119, 140



150, 173, 181



60, 140, 80



73, 87, 92



219, 219, 219



92, 92, 92

Same Dimension

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



60, 119, 140



56, 148, 181



60, 80, 140



62, 67, 69



0, 98, 133



0, 4, 5

Inverse Universe

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



140, 60, 119



181, 56, 148



140, 120, 60



69, 62, 67



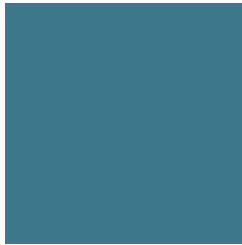
133, 0, 98



5, 0, 4

Previews

White Background



This preview shows how the RGB color 60, 119, 140 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 60, 119, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

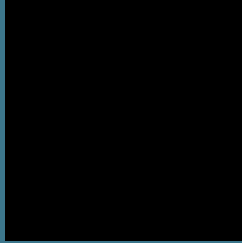
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 60, 119, 140 Background



This preview shows how black text looks on a background with the RGB color 60, 119, 140.

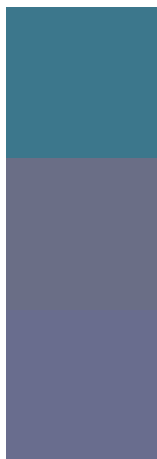


This preview shows how white text looks on a background with the RGB color 60, 119, 140.

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
60, 119, 140

Protanopia
106, 110, 134

Deuteranopia
105, 109, 142



Tritanopia
56, 121, 130

Trichromacy



Original Color
60, 119, 140

Protanomaly
89, 113, 136

Deuteranomaly
89, 113, 141

Tritanomaly
57, 120, 134

Monochromacy



Original Color
60, 119, 140

Achromatopsia
104, 104, 104

Achromatomaly
88, 109, 117

CSS Examples

Text

The CSS property to change the color of the text to RGB 60, 119, 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(60, 119, 140)` looks like.

```
.text, #text, p{  
    color:rgb(60, 119, 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(60, 119, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 119, 140) }
```

Border

The CSS property to change the border of an element to RGB 60, 119, 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(60, 119, 140) }
```

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

```
.border{ border-color:rgb(60, 119, 140) }
```

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

Here you see how a box with a 4 pixel rgb(60, 119, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 119, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 119, 140);  
box-shadow:4px 4px 4px 4px rgb(60, 119,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 60, 119, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 119, 140) }
```

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

```
.background{ background-color: rgb(60, 119,  
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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