

Converting Colors

RGB(90, 126, 140)

Have a look what the booklet for
RGB(90, 126, 140) contains.

RGB(90, 126, 140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(90, 126, 140)

Conversions

Conversions Part 1

Format	Color
Hex	5A7E8C
RGB	90, 126, 140
RGB Percent	35%, 49%, 55%
CMY	0.6471, 0.5059, 0.4510
CMYK	0.36, 0.10, 0.00, 0.45
HSL	197°, 22%, 45%
HSV	197°, 36%, 55%
XYZ	16.4109, 18.9888, 27.6112
YIQ	116.8320, -25.9500, -3.2780

Conversions

Conversions Part 2

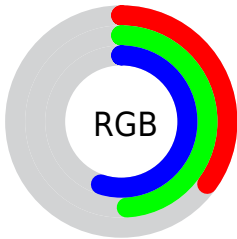
Format	Color
R_{YB}	90, 111, 140
Decimal	5930636
CIE _{Lab}	50.67, -8.97, -11.64
CIE _{LCh}	51, 14.691, 232.380
Yxy	18.9888, 0.2604, 0.3014
Android (android.graphics.Color)	4284120716 (0xFF5A7E8C)
YUV	116.8320, 11.4218, -23.5317
Hunter-Lab	43.5762, -9.0346, -7.0647

Details

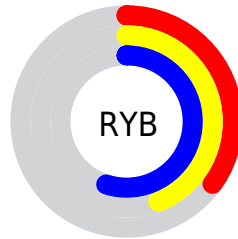
The RGB color **90, 126, 140** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **140, 104, 90**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **142, 179, 194**, and **41, 77, 90** is the 20% darker color. If you saturate the color by 10%, you get **76, 122, 140**, and if you desaturate by 10%, it is **104, 130, 140**.

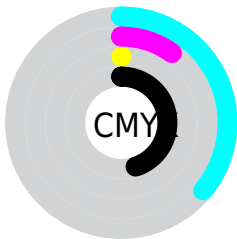
Distribution



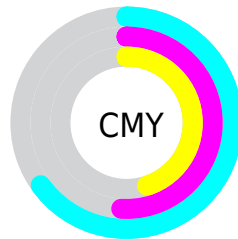
- Red (35%)
- Green (49%)
- Blue (55%)



- Red (35%)
- Yellow (44%)
- Blue (55%)



- Cyan (36%)
- Magenta (10%)
- Yellow (0%)
- Black (45%)

















- Cyan (65%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 126, 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 90, 126, 140 by changing the saturation by 10% instead.

 90, 126, 140	 90, 126, 140
 255, 255, 255	 65, 101, 114
 142, 179, 194	 41, 77, 90
 169, 206, 221	 15, 54, 67
 196, 234, 250	 0, 33, 44
 225, 255, 255	 0, 6, 24
 254, 255, 255	 0, 0, 0

 90, 126, 140	 90, 126, 140
 76, 122, 140	 104, 130, 140
 62, 118, 140	 118, 134, 140

■ 48, 114, 140

■ 132, 138, 140

■ 34, 110, 140

■ 146, 142, 140

■ 20, 106, 140

■ 160, 146, 140

■ 6, 102, 140

■ 174, 150, 140

■ 0, 101, 140

■ 188, 153, 140

■ 202, 157, 140

■ 216, 161, 140

Harmonies

Analogous

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



87, 128, 130



90, 126, 140



102, 123, 145

Triad

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



90, 126, 140



144, 112, 124



120, 123, 97

Complementary

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



90, 126, 140



140, 104, 90

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.



133, 119, 96



90, 126, 140



147, 112, 112

Square

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



90, 126, 140



134, 115, 136



143, 115, 101



106, 126, 105

Rectangle

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



90, 126, 140



113, 120, 145



143, 115, 101



125, 121, 96

Sweetspot

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



90, 126, 140



161, 175, 181



90, 140, 103



80, 88, 92



219, 219, 219



92, 92, 92

Same Dimension

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



90, 126, 140



103, 159, 181



90, 102, 140



62, 67, 69



0, 95, 133



0, 4, 5

Inverse Universe

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



140, 90, 126



181, 103, 159



140, 128, 90



69, 62, 67



133, 0, 95



5, 0, 4

Previews

White Background



This preview shows how the RGB color 90, 126, 140 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 90, 126, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

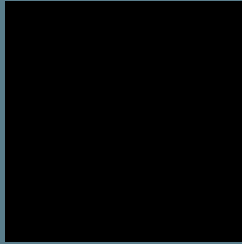
Any Text WCAG AA ✓ Pass

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 90, 126, 140 Background



This preview shows how black text looks on a background with the RGB color 90, 126, 140.



This preview shows how white text looks on a background with the RGB color 90, 126, 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

90, 126, 140

Protanopia

118, 119, 136

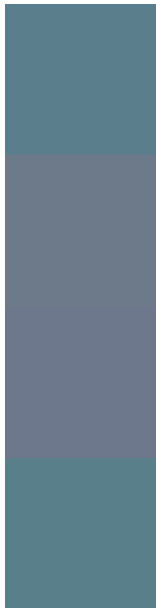
Deuteranopia

121, 117, 142



Tritanopia
89, 127, 137

Trichromacy



Original Color

90, 126, 140

Protanomaly

108, 122, 137

Deuteranomaly

110, 120, 141

Tritanomaly

89, 127, 138

Monochromacy



Original Color

90, 126, 140

Achromatopsia

117, 117, 117

Achromatomaly

107, 120, 125

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 126, 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(90, 126, 140)` looks like.

```
.text, #text, p{  
    color:rgb(90, 126, 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(90, 126, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 126, 140) }
```

Border

The CSS property to change the border of an element to RGB 90, 126, 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(90, 126, 140) }
```

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

```
.border{ border-color:rgb(90, 126, 140) }
```

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

Here you see how a box with a 4 pixel rgb(90, 126, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 126, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 126, 140);  
box-shadow:4px 4px 4px 4px rgb(90, 126,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 90, 126, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 126, 140) }
```

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

```
.background{ background-color: rgb(90, 126,  
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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