

Converting Colors

RGB(90, 118, 112)

Have a look what the booklet for
RGB(90, 118, 112) contains.

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Color

RGB(90, 118, 112)

Conversions

Conversions Part 1

Format	Color
Hex	5A7670
RGB	90, 118, 112
RGB Percent	35%, 46%, 44%
CMY	0.6471, 0.5373, 0.5608
CMYK	0.24, 0.00, 0.05, 0.54
HSL	167°, 13%, 41%
HSV	167°, 24%, 46%
XYZ	13.6195, 16.3004, 17.7577
YIQ	108.9440, -14.7620, -7.8020

Conversions

Conversions Part 2

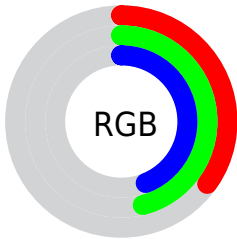
Format	Color
R_{YB}	90, 106, 118
Decimal	5928560
CIE _{Lab}	47.37, -11.49, -0.02
CIE _{LCh}	47, 11.486, 180.096
Yxy	16.3004, 0.2857, 0.3419
Android (android.graphics.Color)	4284118640 (0xFF5A7670)
YUV	108.9440, 1.5066, -16.6139
Hunter-Lab	40.3737, -10.4395, 2.1839

Details

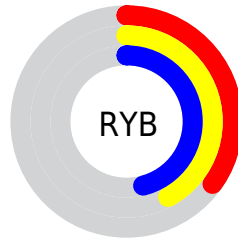
The RGB color **90, 118, 112** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **118, 90, 96**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **141, 170, 164**, and **43, 70, 64** is the 20% darker color. If you saturate the color by 10%, you get **78, 118, 109**, and if you desaturate by 10%, it is **102, 118, 115**.

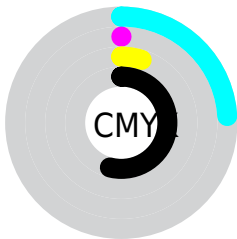
Distribution



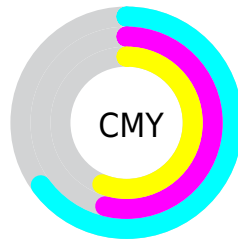
- Red (35%)
- Green (46%)
- Blue (44%)



- Red (35%)
- Yellow (42%)
- Blue (46%)



- Cyan (24%)
- Magenta (0%)
- Yellow (5%)
- Black (54%)



- Cyan (65%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 118, 112 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, 118, 112 by changing the saturation by 10% instead.



90, 118, 112



90, 118, 112

255, 255, 255



66, 93, 88



141, 170, 164



43, 70, 64



167, 197, 191



21, 47, 42



195, 225, 219



0, 27, 22



223, 254, 247



0, 0, 0



251, 255, 255



90, 118, 112



90, 118, 112



78, 118, 109



102, 118, 115



66, 118, 107



114, 118, 117

■ 55, 118, 104

■ 125, 118, 120

■ 43, 118, 102

■ 137, 118, 122

■ 31, 118, 99

■ 149, 118, 125

■ 19, 118, 97

■ 161, 118, 127

■ 7, 118, 94

■ 173, 118, 130

■ 0, 118, 93

■ 184, 118, 132

■ 196, 118, 135

Harmonies

Analogous

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



98, 117, 102



90, 118, 112



87, 118, 122

Triad

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



90, 118, 112



114, 110, 129



128, 109, 96

Complementary

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



90, 118, 112



118, 90, 96

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, 106, 103



90, 118, 112



125, 107, 122

Square

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



90, 118, 112



102, 113, 131



132, 106, 113



120, 112, 93

Rectangle

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



90, 118, 112



89, 117, 127



132, 106, 113



130, 108, 98

Sweetspot

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



90, 118, 112



142, 153, 151



96, 118, 90



70, 77, 75



204, 204, 204



77, 77, 77

Same Dimension

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



90, 118, 112



110, 153, 144



90, 110, 118



53, 59, 57



0, 122, 96



0, 250, 196

Inverse Universe

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



118, 90, 96



153, 110, 119



118, 98, 90



59, 53, 54



122, 0, 26



250, 0, 54

Previews

White Background



This preview shows how the RGB color 90, 118, 112 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 90, 118, 112 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 90, 118, 112 Background



This preview shows how black text looks on a background with the RGB color 90, 118, 112.



This preview shows how white text looks on a background with the RGB color 90, 118, 112.

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, 118, 112](#)

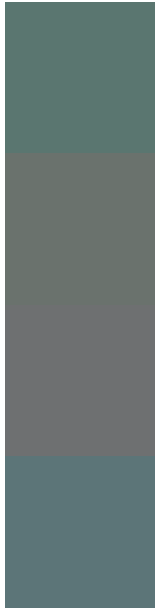
Protanopia
[115, 112, 108](#)

Deuteranopia
[122, 109, 114](#)



Tritanopia
93, 116, 125

Trichromacy



Original Color
90, 118, 112

Protanomaly
106, 114, 109

Deuteranomaly
110, 112, 113

Tritanomaly
92, 117, 120

Monochromacy



Original Color
90, 118, 112

Achromatopsia
109, 109, 109

Achromatomaly
102, 112, 110

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 118, 112 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, 118, 112)` looks like.

```
.text, #text, p{  
    color:rgb(90, 118, 112)  
}
```

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, 118, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 118, 112) }
```

Border

The CSS property to change the border of an element to RGB 90, 118, 112 is called "border". The border property can be set on classes, ids or directly on the HTML element.

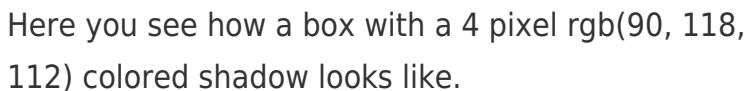
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(90, 118, 112) }
```

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

```
.border{ border-color:rgb(90, 118, 112) }
```

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



Here you see how a box with a 4 pixel `rgb(90, 118, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(90, 118, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(90, 118, 112); box-shadow:4px 4px 4px 4px rgb(90, 118, 112) }
```

Background

The CSS property to change the background color of an element to RGB 90, 118, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 118, 112) }
```

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

```
.background{ background-color: rgb(90, 118,  
112) }
```

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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