

Converting Colors

RGB(103, 110, 118)

Have a look what the booklet for
RGB(103, 110, 118) contains.

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Color

RGB(103, 110, 118)

Conversions

Conversions Part 1

Format	Color
Hex	676E76
RGB	103, 110, 118
RGB Percent	40%, 43%, 46%
CMY	0.5961, 0.5686, 0.5373
CMYK	0.13, 0.07, 0.00, 0.54
HSL	212°, 7%, 43%
HSV	212°, 13%, 46%
XYZ	14.4395, 15.3434, 19.3401
YIQ	108.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

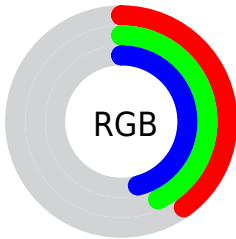
Format	Color
R_{YB}	103, 108, 118
Decimal	6778486
CIE Lab	46.10, -0.88, -5.35
CIE LCh	46, 5.427, 260.625
Yxy	15.3434, 0.2939, 0.3123
Android (android.graphics.Color)	4284968566 (0xFF676E76)
YUV	108.8190, 4.5262, -5.1033
Hunter-Lab	39.1707, -2.7484, -1.8543

Details

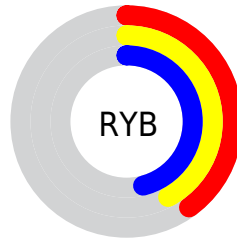
The RGB color **103, 110, 118** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **118, 111, 103**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **154, 162, 170**, and **56, 63, 70** is the 20% darker color. If you saturate the color by 10%, you get **91, 104, 118**, and if you desaturate by 10%, it is **115, 116, 118**.

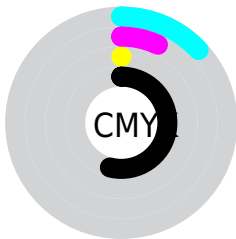
Distribution



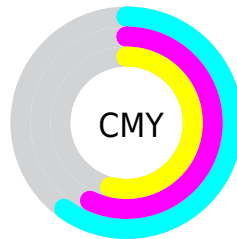
- Red (40%)
- Green (43%)
- Blue (46%)



- Red (40%)
- Yellow (42%)
- Blue (46%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (54%)



- Cyan (60%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 110, 118 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 103, 110, 118 by changing the saturation by 10% instead.

■ 103, 110, 118

255, 255, 255

■ 154, 162, 170

■ 181, 189, 197

■ 209, 216, 225

■ 237, 245, 254

■ 103, 110, 118

■ 79, 86, 93

■ 56, 63, 70

■ 34, 41, 47

■ 13, 20, 27

■ 0, 0, 0

■ 103, 110, 118

■ 91, 104, 118

■ 79, 97, 118

■ 68, 91, 118

■ 103, 110, 118

■ 115, 116, 118

■ 127, 123, 118

■ 138, 129, 118

■ 56, 85, 118

■ 150, 135, 118

■ 44, 79, 118

■ 162, 141, 118

■ 32, 72, 118

■ 174, 148, 118

■ 20, 66, 118

■ 186, 154, 118

■ 9, 60, 118

■ 197, 160, 118

■ 0, 55, 118

■ 209, 167, 118

Harmonies

Analogous

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



99, 111, 116



103, 110, 118



108, 108, 118

Triad

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



103, 110, 118



119, 106, 106



104, 111, 103

Complementary

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



103, 110, 118



118, 111, 103

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.



110, 110, 101



103, 110, 118



118, 107, 102

Square

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



103, 110, 118



118, 106, 111



115, 108, 100



100, 112, 108

Rectangle

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



103, 110, 118



112, 108, 116



115, 108, 100



106, 111, 102

Sweetspot

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



103, 110, 118



147, 150, 153



103, 118, 111



73, 74, 77



204, 204, 204



77, 77, 77

Same Dimension

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



103, 110, 118



130, 141, 153



103, 103, 118



53, 56, 59



0, 57, 122



0, 117, 250

Inverse Universe

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



118, 103, 110



153, 130, 141



118, 118, 103



59, 53, 56



122, 0, 57



250, 0, 117

Previews

White Background



This preview shows how the RGB color 103, 110, 118 looks on a white background.

Color Contrast Check

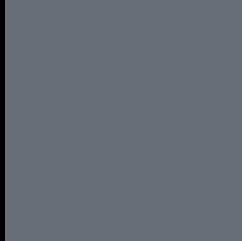
Large Text (above 18pt) WCAG AA ✓ Pass

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 103, 110, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

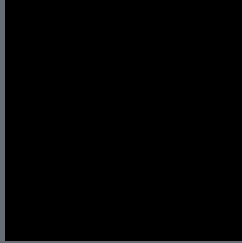
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

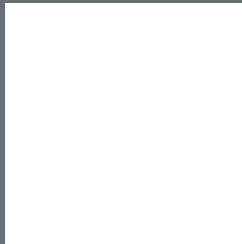
Any Text WCAG AAA × Fail

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

RGB 103, 110, 118 Background



This preview shows how black text looks on a background with the RGB color 103, 110, 118.



This preview shows how white text looks on a background with the RGB color 103, 110, 118.

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
[103, 110, 118](#)

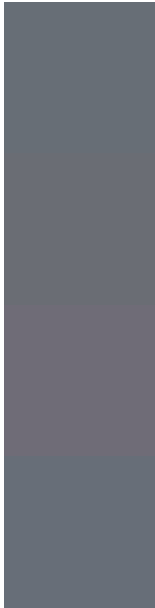
Protanopia
[109, 108, 117](#)

Deuteranopia
[115, 106, 119](#)



Tritanopia
103, 110, 119

Trichromacy



Original Color

103, 110, 118

Protanomaly

107, 109, 117

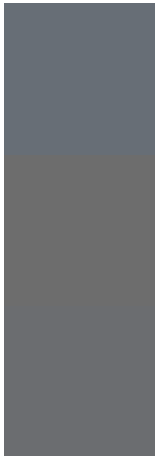
Deuteranomaly

111, 107, 119

Tritanomaly

103, 110, 119

Monochromacy



Original Color

103, 110, 118

Achromatopsia

109, 109, 109

Achromatomaly

107, 109, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 110, 118 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(103, 110, 118)` looks like.

```
.text, #text, p{  
    color:rgb(103, 110, 118)  
}
```

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(103, 110, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 110, 118) }
```

Border

The CSS property to change the border of an element to RGB 103, 110, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

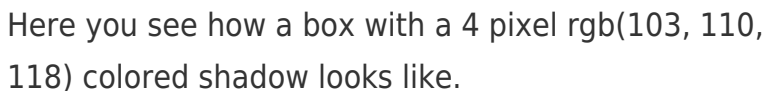
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 110, 118) }
```

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

```
.border{ border-color:rgb(103, 110, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(103, 110, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 110, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 110, 118);  
box-shadow:4px 4px 4px 4px rgb(103, 110,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 103, 110, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 110, 118) }
```

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

```
.background{ background-color: rgb(103,  
110, 118) }
```

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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