

Converting Colors

RGB(70, 102, 110)

Have a look what the booklet for
RGB(70, 102, 110) contains.

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Color

RGB(70, 102, 110)

Conversions

Conversions Part 1

Format	Color
Hex	46666E
RGB	70, 102, 110
RGB Percent	27%, 40%, 43%
CMY	0.7255, 0.6000, 0.5686
CMYK	0.36, 0.07, 0.00, 0.57
HSL	192°, 22%, 35%
HSV	192°, 36%, 43%
XYZ	10.0916, 11.9306, 16.5228
YIQ	93.3440, -21.6400, -4.2960

Conversions

Conversions Part 2

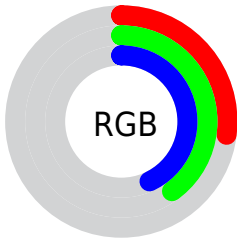
Format	Color
R_{YB}	70, 88, 110
Decimal	4613742
CIE _{Lab}	41.11, -9.38, -8.22
CIE _{LCh}	41, 12.474, 221.215
Yxy	11.9306, 0.2618, 0.3095
Android (android.graphics.Color)	4282803822 (0xFF46666E)
YUV	93.3440, 8.2114, -20.4727
Hunter-Lab	34.5407, -8.2946, -4.1833

Details

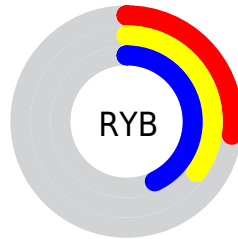
The RGB color **70, 102, 110** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **110, 78, 70**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **120, 153, 162**, and **22, 55, 62** is the 20% darker color. If you saturate the color by 10%, you get **59, 100, 110**, and if you desaturate by 10%, it is **81, 104, 110**.

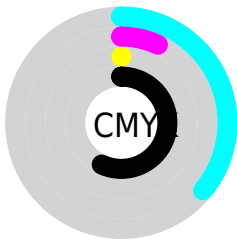
Distribution



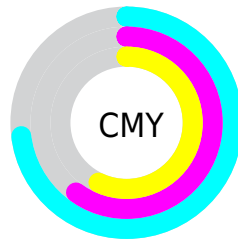
- Red (27%)
- Green (40%)
- Blue (43%)



- Red (27%)
- Yellow (35%)
- Blue (43%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (57%)






















- Cyan (73%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 70, 102, 110 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 70, 102, 110 by changing the saturation by 10% instead.

 70, 102, 110	 70, 102, 110
 255, 255, 255	 46, 78, 86
 120, 153, 162	 22, 55, 62
 146, 180, 189	 0, 34, 41
 173, 207, 216	 0, 9, 20
 201, 236, 245	 0, 0, 0
 229, 255, 255	

 70, 102, 110	 70, 102, 110
 59, 100, 110	 81, 104, 110
 48, 98, 110	 92, 106, 110

■ 37, 95, 110

■ 103, 109, 110

■ 26, 93, 110

■ 114, 111, 110

■ 15, 91, 110

■ 125, 113, 110

■ 4, 89, 110

■ 136, 115, 110

■ 0, 88, 110

■ 147, 117, 110

■ 158, 120, 110

■ 169, 122, 110

Harmonies

Analogous

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



71, 103, 101



70, 102, 110



78, 100, 116

Triad

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



70, 102, 110



113, 90, 104



101, 97, 77

Complementary

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



70, 102, 110



110, 78, 70

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.



111, 94, 78



70, 102, 110



118, 90, 93

Square

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



70, 102, 110



103, 93, 112



117, 91, 84



89, 100, 81

Rectangle

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



70, 102, 110



86, 98, 117



117, 91, 84



104, 96, 77

Sweetspot

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



70, 102, 110



127, 140, 143



70, 110, 78



62, 70, 71



199, 199, 199



71, 71, 71

Same Dimension

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



70, 102, 110



80, 130, 143



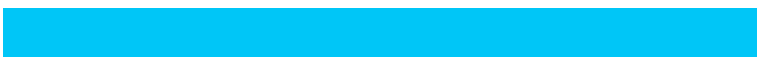
70, 82, 110



50, 55, 56



0, 96, 120



0, 198, 247

Inverse Universe

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



110, 70, 102



143, 80, 130



110, 98, 70



56, 50, 55



120, 0, 96



247, 0, 198

Previews

White Background



This preview shows how the RGB color 70, 102, 110 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 70, 102, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

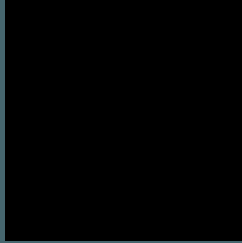
Any Text WCAG AA × Fail

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 70, 102, 110 Background



This preview shows how black text looks on a background with the RGB color 70, 102, 110.



This preview shows how white text looks on a background with the RGB color 70, 102, 110.

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

70, 102, 110

Protanopia

96, 96, 106

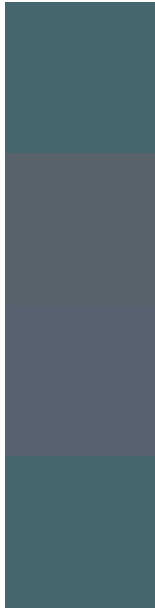
Deuteranopia

99, 94, 112



Tritanopia
70, 102, 110

Trichromacy



Original Color

70, 102, 110

Protanomaly

87, 98, 107

Deuteranomaly

88, 97, 111

Tritanomaly

70, 102, 110

Monochromacy



Original Color

70, 102, 110

Achromatopsia

93, 93, 93

Achromatomaly

85, 96, 99

CSS Examples

Text

The CSS property to change the color of the text to RGB 70, 102, 110 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(70, 102, 110) looks like.

```
.text, #text, p{  
    color:rgb(70, 102, 110)  
}
```

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(70, 102, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 102, 110) }
```

Border

The CSS property to change the border of an element to RGB 70, 102, 110 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(70, 102, 110) }
```

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

```
.border{ border-color:rgb(70, 102, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 102, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 102, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 102, 110);  
box-shadow:4px 4px 4px 4px rgb(70, 102,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 70, 102, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 102, 110) }
```

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

```
.background{ background-color: rgb(70, 102,  
110) }
```

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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