

Converting Colors

RGB(70, 111, 152)

Have a look what the booklet for
RGB(70, 111, 152) contains.

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Color

RGB(70, 111, 152)

Conversions

Conversions Part 1

Format	Color
Hex	466F98
RGB	70, 111, 152
RGB Percent	27%, 44%, 60%
CMY	0.7255, 0.5647, 0.4039
CMYK	0.54, 0.27, 0.00, 0.40
HSL	210°, 37%, 44%
HSV	210°, 54%, 60%
XYZ	13.8777, 14.9380, 31.8576
YIQ	103.4150, -37.5970, 4.0590

Conversions

Conversions Part 2

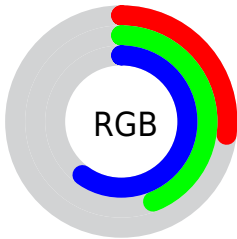
Format	Color
R_{YB}	70, 97, 152
Decimal	4616088
CIE _{Lab}	45.55, -2.01, -26.66
CIE _{LCh}	46, 26.731, 265.686
Yxy	14.9380, 0.2287, 0.2462
Android (android.graphics.Color)	4282806168 (0xFF466F98)
YUV	103.4150, 23.9524, -29.3050
Hunter-Lab	38.6497, -3.5439, -21.8160

Details

The RGB color **70, 111, 152** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **152, 111, 70**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **124, 162, 206**, and **6, 64, 101** is the 20% darker color. If you saturate the color by 10%, you get **55, 103, 152**, and if you desaturate by 10%, it is **85, 119, 152**.

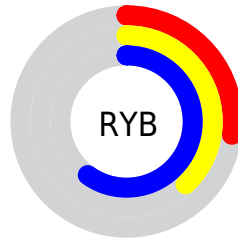
Distribution



Red (27%)

Green (44%)

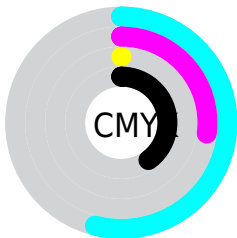
Blue (60%)



Red (27%)

Yellow (38%)

Blue (60%)

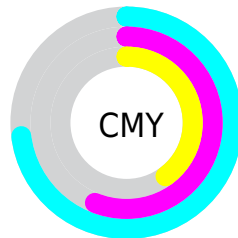


Cyan (54%)

Magenta (27%)

Yellow (0%)

Black (40%)



Cyan (73%)




















Magenta (56%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 70, 111, 152 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, 111, 152 by changing the saturation by 10% instead.

 70, 111, 152	 70, 111, 152
 255, 255, 255	 42, 87, 126
 124, 162, 206	 6, 64, 101
 151, 189, 235	 0, 42, 77
 179, 217, 255	 0, 22, 54
 207, 246, 255	 0, 2, 32
 236, 255, 255	 0, 0, 4
	 0, 0, 0
 70, 111, 152	 70, 111, 152
 55, 103, 152	 85, 119, 152

■ 40, 96, 152

■ 100, 126, 152

■ 24, 88, 152

■ 116, 134, 152

■ 9, 81, 152

■ 131, 141, 152

■ 0, 76, 152

■ 146, 149, 152

■ 161, 157, 152

■ 176, 164, 152

■ 192, 172, 152

■ 207, 179, 152

Harmonies

Analogous

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



31, 117, 144



70, 111, 152



106, 103, 148

Triad

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



70, 111, 152



151, 92, 90



77, 117, 82

Complementary

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



70, 111, 152



152, 111, 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.



103, 112, 67



70, 111, 152



143, 98, 72

Square

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



70, 111, 152



148, 91, 112



126, 105, 63



47, 120, 104

Rectangle

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



70, 111, 152



125, 98, 139



126, 105, 63



86, 116, 76

Sweetspot

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



70, 111, 152



165, 181, 196



70, 152, 111



81, 90, 99



227, 227, 227



99, 99, 99

Same Dimension

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



70, 111, 152



69, 133, 196



70, 70, 152



69, 73, 77



0, 70, 140



0, 6, 13

Inverse Universe

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



152, 70, 111



196, 69, 133



152, 152, 70



77, 69, 73



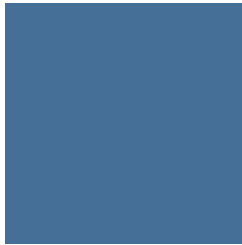
140, 0, 70



13, 0, 6

Previews

White Background



This preview shows how the RGB color 70, 111, 152 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, 111, 152 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, 111, 152 Background



This preview shows how black text looks on a background with the RGB color 70, 111, 152.



This preview shows how white text looks on a background with the RGB color 70, 111, 152.

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, 111, 152

Protanopia

95, 106, 148

Deuteranopia

90, 106, 153



Tritanopia
60, 116, 125

Trichromacy



Original Color
70, 111, 152

Protanomaly
86, 108, 149

Deuteranomaly
83, 108, 153

Tritanomaly
64, 114, 135

Monochromacy



Original Color
70, 111, 152

Achromatopsia
103, 103, 103

Achromatomaly
91, 106, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 70, 111, 152 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, 111, 152)` looks like.

```
.text, #text, p{  
    color:rgb(70, 111, 152)  
}
```

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, 111, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 111, 152) }
```

Border

The CSS property to change the border of an element to RGB 70, 111, 152 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, 111, 152) }
```

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

```
.border{ border-color:rgb(70, 111, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 111, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 111, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 111, 152);  
box-shadow:4px 4px 4px 4px rgb(70, 111,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 70, 111, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 111, 152) }
```

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

```
.background{ background-color: rgb(70, 111,  
152) }
```

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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