

Converting Colors

RGB(70, 109, 188)

Have a look what the booklet for
RGB(70, 109, 188) contains.

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Color

RGB(70, 109, 188)

Conversions

Conversions Part 1

Format	Color
Hex	466DBC
RGB	70, 109, 188
RGB Percent	27%, 43%, 74%
CMY	0.7255, 0.5725, 0.2627
CMYK	0.63, 0.42, 0.00, 0.26
HSL	220°, 47%, 51%
HSV	220°, 63%, 74%
XYZ	17.0715, 15.8702, 49.7404
YIQ	106.3450, -48.6030, 16.3010

Conversions

Conversions Part 2

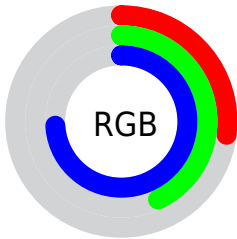
Format	Color
RYB	70, 99, 188
Decimal	4615612
CIELab	46.80, 11.40, -45.75
CIELCh	47, 47.150, 283.994
Yxy	15.8702, 0.2065, 0.1919
Android (android.graphics.Color)	4282805692 (0xFF466DBC)
YUV	106.3450, 40.2559, -31.8746
Hunter-Lab	39.8374, 6.7771, -46.1424

Details

The RGB color **70, 109, 188** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **188, 149, 70**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **128, 160, 245**, and **0, 62, 134** is the 20% darker color. If you saturate the color by 10%, you get **51, 96, 188**, and if you desaturate by 10%, it is **89, 122, 188**.

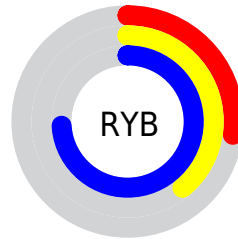
Distribution



Red (27%)

Green (43%)

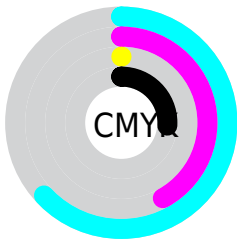
Blue (74%)



Red (27%)

Yellow (39%)

Blue (74%)

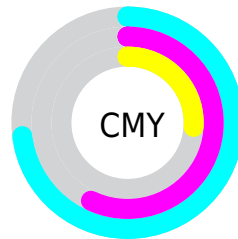


Cyan (63%)

Magenta (42%)

Yellow (0%)

Black (26%)



Cyan (73%)

Magenta (57%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 70, 109, 188 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, 109, 188 by changing the saturation by 10% instead.

■ 70, 109, 188

■ 70, 109, 188

255, 255, 255

■ 36, 85, 161

■ 128, 160, 245

■ 0, 62, 134

■ 157, 187, 255

■ 0, 41, 108

■ 186, 215, 255

■ 0, 22, 84

■ 215, 243, 255

■ 0, 6, 60

■ 245, 255, 255

■ 0, 2, 37

■ 0, 1, 14

■ 0, 0, 0

■ 70, 109, 188

■ 70, 109, 188

■ 51, 96, 188

■ 89, 122, 188

■ 32, 84, 188

■ 108, 134, 188

■ 14, 71, 188

■ 126, 147, 188

■ 0, 62, 188

■ 145, 159, 188

■ 164, 172, 188

■ 183, 185, 188

■ 202, 197, 188

■ 220, 210, 188

■ 239, 222, 188

Harmonies

Analogous

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



0, 121, 187



70, 109, 188



137, 92, 168

Triad

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



70, 109, 188



174, 85, 57



0, 129, 88

Complementary

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



70, 109, 188



188, 149, 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.



69, 124, 50



70, 109, 188



149, 101, 30

Square

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



70, 109, 188



183, 74, 94



114, 115, 26



0, 130, 129

Rectangle

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



70, 109, 188



163, 82, 146



114, 115, 26



12, 127, 74

Sweetspot

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



70, 109, 188



198, 214, 245



70, 188, 149



94, 104, 122



250, 250, 250



122, 122, 122

Same Dimension

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



70, 109, 188



61, 122, 245



90, 70, 188



85, 88, 94



0, 52, 158



0, 10, 31

Inverse Universe

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



188, 70, 109



245, 61, 122



168, 188, 70



94, 85, 88



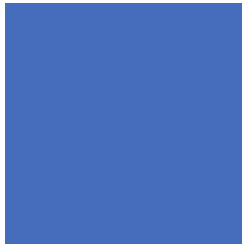
158, 0, 52



31, 0, 10

Previews

White Background



This preview shows how the RGB color 70, 109, 188 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, 109, 188 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, 109, 188 Background



This preview shows how black text looks on a background with the RGB color 70, 109, 188.



This preview shows how white text looks on a background with the RGB color 70, 109, 188.

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, 109, 188

Protanopia

77, 108, 187

Deuteranopia

55, 111, 187



Tritanopia
40, 121, 131

Trichromacy



Original Color

70, 109, 188

Protanomaly

74, 108, 187

Deuteranomaly

60, 110, 187

Tritanomaly

51, 117, 152

Monochromacy



Original Color

70, 109, 188

Achromatopsia

106, 106, 106

Achromatomaly

93, 107, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 70, 109, 188 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, 109, 188)` looks like.

```
.text, #text, p{  
    color:rgb(70, 109, 188)  
}
```

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, 109, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 109, 188) }
```

Border

The CSS property to change the border of an element to RGB 70, 109, 188 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, 109, 188) }
```

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

```
.border{ border-color:rgb(70, 109, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 109, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 109, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 109, 188);  
box-shadow:4px 4px 4px 4px rgb(70, 109,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 70, 109, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 109, 188) }
```

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

```
.background{ background-color: rgb(70, 109,  
188) }
```

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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