

Converting Colors

RGB(70, 158, 244)

Have a look what the booklet for
RGB(70, 158, 244) contains.

RGB(70, 158, 244)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(70, 158, 244)

Conversions

Conversions Part 1

Format	Color
Hex	469EF4
RGB	70, 158, 244
RGB Percent	27%, 62%, 96%
CMY	0.7255, 0.3804, 0.0431
CMYK	0.71, 0.35, 0.00, 0.04
HSL	210°, 89%, 62%
HSV	210°, 71%, 96%
XYZ	31.0818, 32.2875, 90.1819
YIQ	141.4920, -80.0540, 8.0900

Conversions

Conversions Part 2

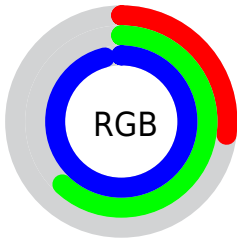
Format	Color
R _Y B	70, 128, 244
Decimal	4628212
CIE Lab	63.58, 1.46, -50.62
CIE LCh	64, 50.638, 271.652
Yxy	32.2875, 0.2024, 0.2103
Android (android.graphics.Color)	4282818292 (0xFF469EF4)
YUV	141.4920, 50.5364, -62.6985
Hunter-Lab	56.8221, -1.7987, -54.3233

Details

The RGB color **70, 158, 244** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **244, 156, 70**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **137, 212, 255**, and **0, 107, 187** is the 20% darker color. If you saturate the color by 10%, you get **46, 146, 244**, and if you desaturate by 10%, it is **94, 170, 244**.

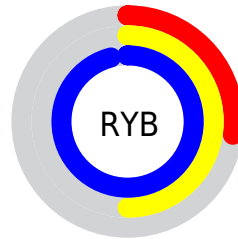
Distribution



Red (27%)

Green (62%)

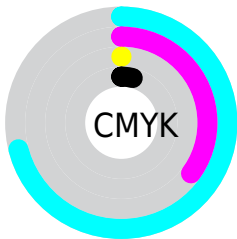
Blue (96%)



Red (27%)

Yellow (50%)

Blue (96%)

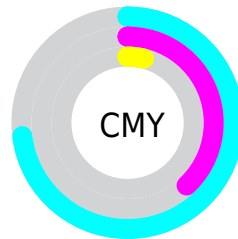


Cyan (71%)

Magenta (35%)

Yellow (0%)

Black (4%)



Cyan (73%)

















Magenta (38%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 70, 158, 244 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, 158, 244 by changing the saturation by 10% instead.

 70, 158, 244	 70, 158, 244
 255, 255, 255	 18, 132, 215
 137, 212, 255	 0, 107, 187
 168, 240, 255	 0, 83, 160
 199, 255, 255	 0, 61, 133
 230, 255, 255	 0, 40, 107
	 0, 20, 83
	 0, 6, 59
	 0, 2, 36
	 0, 0, 12

■ 70, 158, 244

■ 70, 158, 244

■ 46, 146, 244

■ 94, 170, 244

■ 21, 134, 244

■ 119, 182, 244

■ 0, 123, 244

■ 143, 194, 244

■ 168, 206, 244

■ 192, 218, 244

■ 216, 230, 244

■ 241, 242, 244

■ 255, 254, 244

■ 255, 255, 244

Harmonies

Analogous

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



0, 170, 233



70, 158, 244



160, 141, 231

Triad

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



70, 158, 244



235, 120, 109



70, 173, 109

Complementary

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



70, 158, 244



244, 156, 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.



131, 165, 73



70, 158, 244



213, 136, 75

Square

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



70, 158, 244



236, 115, 153



177, 152, 59



0, 176, 155

Rectangle

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



70, 158, 244



197, 129, 210



177, 152, 59



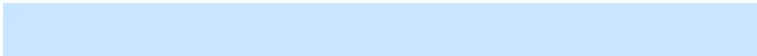
94, 171, 96

Sweetspot

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



70, 158, 244



201, 229, 255



70, 244, 154



96, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



70, 158, 244



36, 147, 255



70, 73, 244



110, 116, 122



0, 94, 186



0, 30, 59

Inverse Universe

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



244, 70, 158



255, 36, 147



244, 241, 70



122, 110, 116



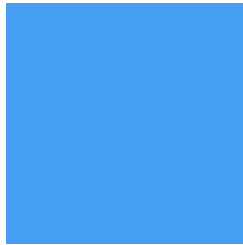
186, 0, 94



59, 0, 30

Previews

White Background



This preview shows how the RGB color 70, 158, 244 looks on a white background.

Color Contrast Check

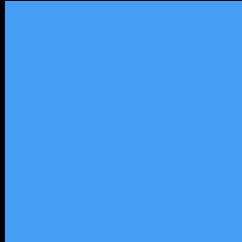
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 70, 158, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

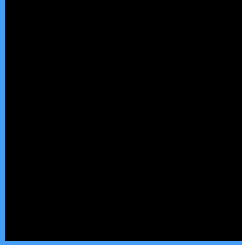
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

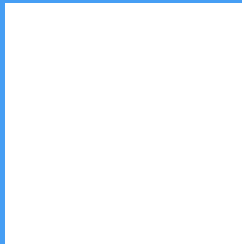
Any Text WCAG AAA ✓ Pass

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

RGB 70, 158, 244 Background



This preview shows how black text looks on a background with the RGB color 70, 158, 244.

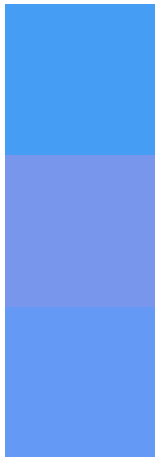


This preview shows how white text looks on a background with the RGB color 70, 158, 244.

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](#).

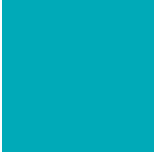
Dichromacy



Original Color
70, 158, 244

Protanopia
121, 150, 237

Deuteranopia
100, 153, 245



Tritanopia
0, 170, 184

Trichromacy



Original Color

70, 158, 244

Protanomaly

102, 153, 240

Deuteranomaly

89, 155, 245

Tritanomaly

25, 166, 206

Monochromacy



Original Color

70, 158, 244

Achromatopsia

141, 141, 141

Achromatomaly

115, 147, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 70, 158, 244 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, 158, 244)` looks like.

```
.text, #text, p{  
    color:rgb(70, 158, 244)  
}
```

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, 158, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 158, 244) }
```

Border

The CSS property to change the border of an element to RGB 70, 158, 244 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, 158, 244) }
```

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

```
.border{ border-color:rgb(70, 158, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 158, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 158, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 158, 244);  
box-shadow:4px 4px 4px 4px rgb(70, 158,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 70, 158, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 158, 244) }
```

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

```
.background{ background-color: rgb(70, 158,  
244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor