

Converting Colors

RGB(54, 137, 231)

Have a look what the booklet for
RGB(54, 137, 231) contains.

RGB(54, 137, 231)	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(54, 137, 231)

Conversions

Conversions Part 1

Format	Color
Hex	3689E7
RGB	54, 137, 231
RGB Percent	21%, 54%, 91%
CMY	0.7882, 0.4627, 0.0941
CMYK	0.77, 0.41, 0.00, 0.09
HSL	212°, 79%, 56%
HSV	212°, 77%, 91%
XYZ	24.8908, 24.4451, 79.0078
YIQ	122.8990, -79.6420, 11.6380

Conversions

Conversions Part 2

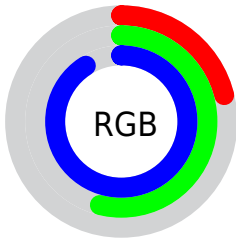
Format	Color
R _Y B	54, 111, 231
Decimal	3574247
CIE Lab	56.53, 7.26, -54.67
CIE LCh	57, 55.148, 277.564
Yxy	24.4451, 0.1939, 0.1905
Android (android.graphics.Color)	4281764327 (0xFF3689E7)
YUV	122.8990, 53.2938, -60.4244
Hunter-Lab	49.4420, 3.3395, -60.1354

Details

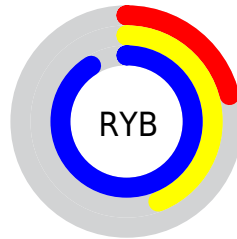
The RGB color **54, 137, 231** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **231, 148, 54**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **124, 190, 255**, and **0, 88, 175** is the 20% darker color. If you saturate the color by 10%, you get **31, 125, 231**, and if you desaturate by 10%, it is **77, 149, 231**.

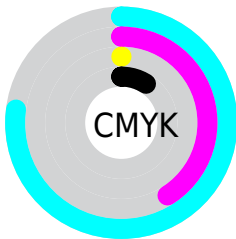
Distribution



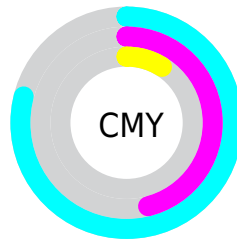
- Red (21%)
- Green (54%)
- Blue (91%)



- Red (21%)
- Yellow (44%)
- Blue (91%)



- Cyan (77%)
- Magenta (41%)
- Yellow (0%)
- Black (9%)




















- Cyan (79%)
- Magenta (46%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 54, 137, 231 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 54, 137, 231 by changing the saturation by 10% instead.

 54, 137, 231	 54, 137, 231
 255, 255, 255	 0, 112, 203
 124, 190, 255	 0, 88, 175
 156, 218, 255	 0, 65, 148
 186, 246, 255	 0, 44, 121
 217, 255, 255	 0, 25, 96
 248, 255, 255	 0, 8, 71
	 0, 4, 48
	 0, 1, 26
	 0, 0, 0

■ 54, 137, 231

■ 54, 137, 231

■ 31, 125, 231

■ 77, 149, 231

■ 8, 112, 231

■ 100, 162, 231

■ 0, 108, 231

■ 123, 174, 231

■ 146, 186, 231

■ 170, 198, 231

■ 193, 211, 231

■ 216, 223, 231

■ 239, 235, 231

■ 255, 247, 231

Harmonies

Analogous

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



0, 150, 224



54, 137, 231



154, 118, 212

Triad

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



54, 137, 231



216, 101, 80



0, 156, 97

Complementary

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



54, 137, 231



231, 148, 54

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.



98, 149, 54



54, 137, 231



190, 120, 43

Square

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



54, 137, 231



223, 90, 125



149, 137, 29



0, 159, 147

Rectangle

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



54, 137, 231



190, 104, 188



149, 137, 29



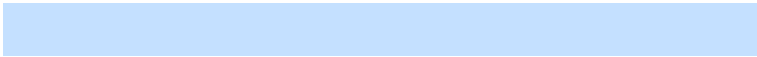
48, 154, 81

Sweetspot

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



54, 137, 231



196, 224, 255



54, 231, 145



92, 109, 128



0, 0, 0



128, 128, 128

Same Dimension

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



54, 137, 231



20, 130, 255



57, 54, 231



103, 109, 115



0, 84, 179



0, 24, 51

Inverse Universe

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



231, 54, 137



255, 20, 130



228, 231, 54



115, 103, 109



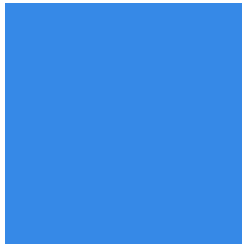
179, 0, 84



51, 0, 24

Previews

White Background



This preview shows how the RGB color 54, 137, 231 looks on a white background.

Color Contrast Check

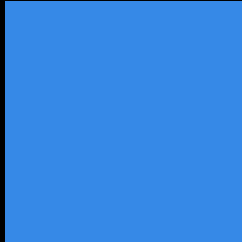
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 54, 137, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

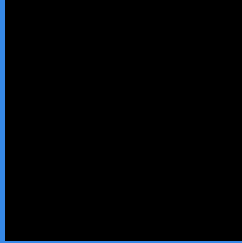
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

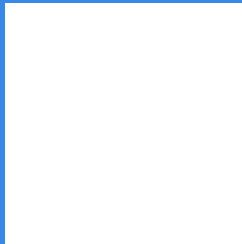
Any Text WCAG AAA × Fail

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

RGB 54, 137, 231 Background



This preview shows how black text looks on a background with the RGB color 54, 137, 231.

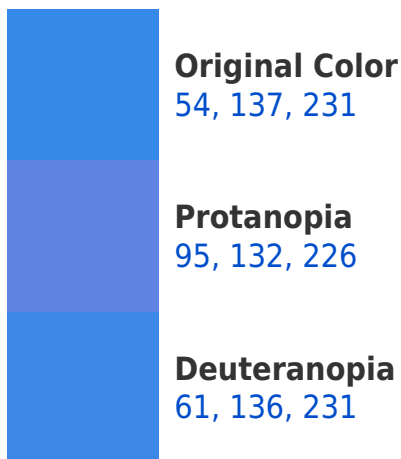


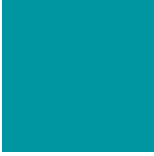
This preview shows how white text looks on a background with the RGB color 54, 137, 231.

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





Tritanopia
0, 150, 161

Trichromacy



Original Color

54, 137, 231

Protanomaly

80, 134, 228

Deuteranomaly

58, 136, 231

Tritanomaly

20, 145, 186

Monochromacy



Original Color

54, 137, 231

Achromatopsia

123, 123, 123

Achromatomaly

98, 128, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 54, 137, 231 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(54, 137, 231)` looks like.

```
.text, #text, p{  
    color:rgb(54, 137, 231)  
}
```

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(54, 137, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 137, 231) }
```

Border

The CSS property to change the border of an element to RGB 54, 137, 231 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(54, 137, 231) }
```

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

```
.border{ border-color:rgb(54, 137, 231) }
```

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

Here you see how a box with a 4 pixel rgb(54, 137, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 137, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 137, 231);  
box-shadow:4px 4px 4px 4px rgb(54, 137,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 54, 137, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 137, 231) }
```

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

```
.background{ background-color: rgb(54, 137,  
231) }
```

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