

Converting Colors

RGB(100, 154, 247)

Have a look what the booklet for
RGB(100, 154, 247) contains.

RGB(100, 154, 247)	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(100, 154, 247)

Conversions

Conversions Part 1

Format	Color
Hex	649AF7
RGB	100, 154, 247
RGB Percent	39%, 60%, 97%
CMY	0.6078, 0.3961, 0.0314
CMYK	0.60, 0.38, 0.00, 0.03
HSL	218°, 90%, 68%
HSV	218°, 60%, 97%
XYZ	33.5996, 32.5359, 92.5049
YIQ	148.4560, -62.0370, 17.4750

Conversions

Conversions Part 2

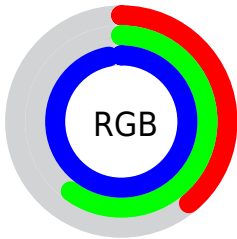
Format	Color
R_{YB}	100, 139, 247
Decimal	6593271
CIE _{Lab}	63.78, 9.64, -51.86
CIE _{LCh}	64, 52.754, 280.533
Yxy	32.5359, 0.2118, 0.2051
Android (android.graphics.Color)	4284783351 (0xFF649AF7)
YUV	148.4560, 48.5822, -42.4959
Hunter-Lab	57.0403, 5.3251, -56.2252

Details

The RGB color **100, 154, 247** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **247, 193, 100**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **161, 208, 255**, and **22, 104, 190** is the 20% darker color. If you saturate the color by 10%, you get **75, 138, 247**, and if you desaturate by 10%, it is **125, 170, 247**.

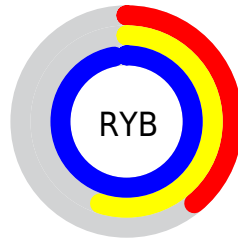
Distribution



Red (39%)

Green (60%)

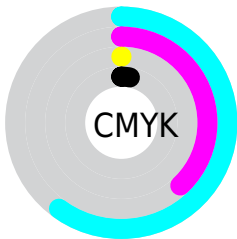
Blue (97%)



Red (39%)

Yellow (55%)

Blue (97%)

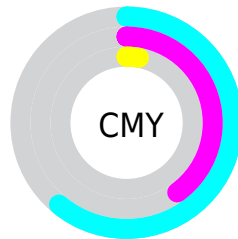


Cyan (60%)

Magenta (38%)

Yellow (0%)

Black (3%)



Cyan (61%)


Magenta (40%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 154, 247 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 100, 154, 247 by changing the saturation by 10% instead.

 100, 154, 247


255, 255, 255


 161, 208, 255

 191, 236, 255

 221, 255, 255

 251, 255, 255


 100, 154, 247


 67, 128, 218

 22, 104, 190

 0, 80, 163

 0, 58, 136

 0, 37, 110

 0, 16, 85

 0, 6, 61

 0, 3, 38

 0, 1, 15

■ 100, 154, 247

■ 100, 154, 247

■ 75, 138, 247

■ 125, 170, 247

■ 51, 123, 247

■ 149, 185, 247

■ 26, 107, 247

■ 174, 201, 247

■ 1, 91, 247

■ 199, 217, 247

■ 0, 91, 247

■ 224, 232, 247

■ 248, 248, 247

■ 255, 255, 247

Harmonies

Analogous

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



0, 168, 243



100, 154, 247



179, 135, 226

Triad

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



100, 154, 247



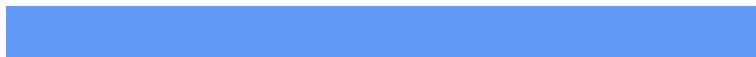
234, 123, 96



25, 176, 121

Complementary

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



100, 154, 247



247, 193, 100

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.



114, 169, 80



100, 154, 247



206, 141, 64

Square

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



100, 154, 247



242, 113, 140



165, 157, 56



0, 178, 170

Rectangle

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



100, 154, 247



213, 123, 202



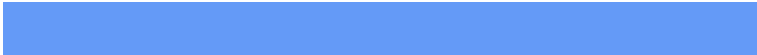
165, 157, 56



68, 174, 106

Sweetspot

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



100, 154, 247



209, 226, 255



100, 247, 191



99, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



100, 154, 247



74, 140, 255



117, 100, 247



110, 115, 122



0, 68, 186



0, 22, 59

Inverse Universe

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



247, 100, 154



255, 74, 140



230, 247, 100



122, 110, 115



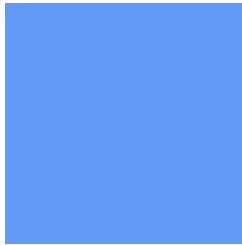
186, 0, 68



59, 0, 22

Previews

White Background



This preview shows how the RGB color 100, 154, 247 looks on a white background.

Color Contrast Check

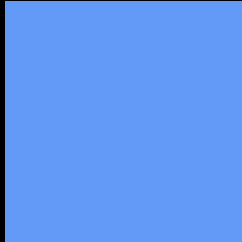
Large Text (above 18pt) WCAG AA × Fail

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 100, 154, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

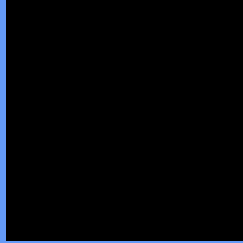
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

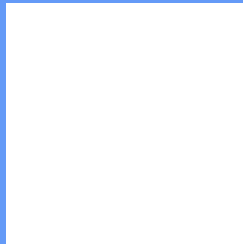
Any Text WCAG AAA ✓ Pass

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

RGB 100, 154, 247 Background



This preview shows how black text looks on a background with the RGB color 100, 154, 247.

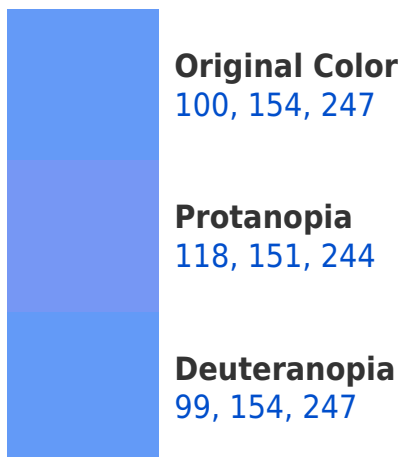


This preview shows how white text looks on a background with the RGB color 100, 154, 247.

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](#).

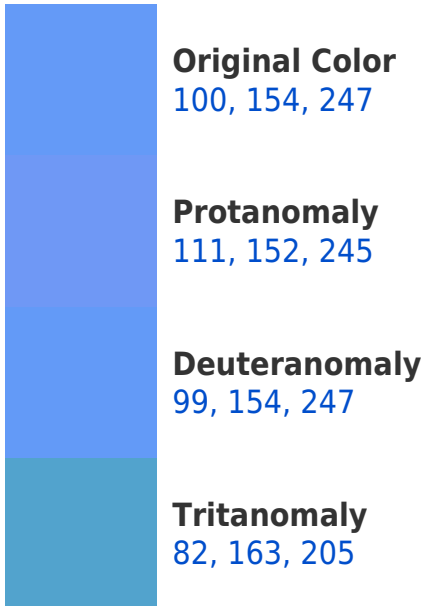
Dichromacy



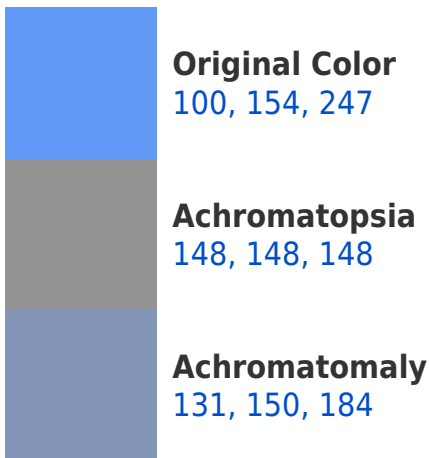


Tritanopia
71, 168, 181

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 154, 247 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(100, 154, 247)` looks like.

```
.text, #text, p{  
    color:rgb(100, 154, 247)  
}
```

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(100, 154, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 154, 247) }
```

Border

The CSS property to change the border of an element to RGB 100, 154, 247 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(100, 154, 247) }
```

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

```
.border{ border-color:rgb(100, 154, 247) }
```

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

Here you see how a box with a 4 pixel rgb(100, 154, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 154, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 154, 247);  
box-shadow:4px 4px 4px 4px rgb(100, 154,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 100, 154, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 154, 247) }
```

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

```
.background{ background-color: rgb(100,  
154, 247) }
```

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