

Converting Colors

RGB(94, 161, 245)

Have a look what the booklet for
RGB(94, 161, 245) contains.

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Color

RGB(94, 161, 245)

Conversions

Conversions Part 1

Format	Color
Hex	5EA1F5
RGB	94, 161, 245
RGB Percent	37%, 63%, 96%
CMY	0.6314, 0.3686, 0.0392
CMYK	0.62, 0.34, 0.00, 0.04
HSL	213°, 88%, 66%
HSV	213°, 62%, 96%
XYZ	33.8424, 34.4620, 91.2543
YIQ	150.5430, -66.8960, 11.9200

Conversions

Conversions Part 2

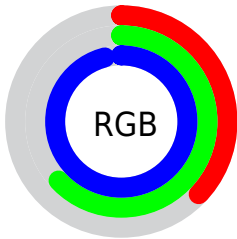
Format	Color
R _{YB}	94, 140, 245
Decimal	6201845
CIE Lab	65.33, 3.84, -48.34
CIE LCh	65, 48.497, 274.538
Yxy	34.4620, 0.2121, 0.2160
Android (android.graphics.Color)	4284391925 (0xFF5EA1F5)
YUV	150.5430, 46.5673, -49.5882
Hunter-Lab	58.7043, 0.1707, -51.0717

Details

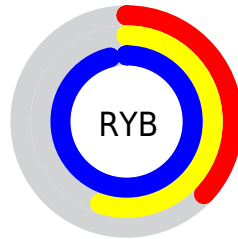
The RGB color **94, 161, 245** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **245, 178, 94**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **155, 215, 255**, and **0, 110, 188** is the 20% darker color. If you saturate the color by 10%, you get **70, 147, 245**, and if you desaturate by 10%, it is **119, 175, 245**.

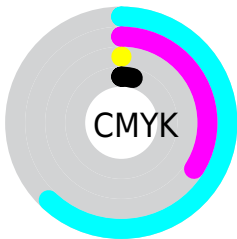
Distribution



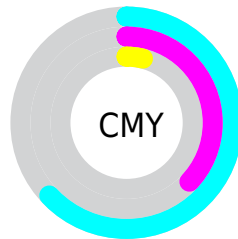
- Red (37%)
- Green (63%)
- Blue (96%)



- Red (37%)
- Yellow (55%)
- Blue (96%)



- Cyan (62%)
- Magenta (34%)
- Yellow (0%)
- Black (4%)



















- Cyan (63%)
- Magenta (37%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 94, 161, 245 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 94, 161, 245 by changing the saturation by 10% instead.

 94, 161, 245	 94, 161, 245
 255, 255, 255	 60, 135, 216
 155, 215, 255	 0, 110, 188
 186, 244, 255	 0, 86, 161
 216, 255, 255	 0, 63, 134
 246, 255, 255	 0, 42, 108
	 0, 22, 84
	 0, 6, 60
	 0, 2, 37
	 0, 1, 14

■ 94, 161, 245

■ 94, 161, 245

■ 70, 147, 245

■ 119, 175, 245

■ 45, 134, 245

■ 143, 188, 245

■ 21, 120, 245

■ 168, 202, 245

■ 0, 109, 245

■ 192, 216, 245

■ 217, 229, 245

■ 241, 243, 245

■ 255, 255, 245

Harmonies

Analogous

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



0, 173, 236



94, 161, 245



171, 145, 230

Triad

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



94, 161, 245



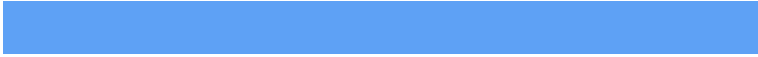
236, 128, 112



73, 178, 120

Complementary

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



94, 161, 245



245, 178, 94

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.



132, 170, 84



94, 161, 245



214, 143, 80

Square

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



94, 161, 245



239, 122, 154



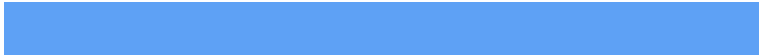
178, 158, 69



0, 181, 164

Rectangle

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



94, 161, 245



205, 133, 210



178, 158, 69



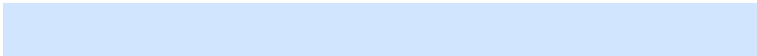
96, 176, 106

Sweetspot

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



94, 161, 245



209, 229, 255



94, 245, 177



99, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



94, 161, 245



66, 150, 255



102, 94, 245



110, 116, 122



0, 83, 186



0, 26, 59

Inverse Universe

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



245, 94, 161



255, 66, 150



237, 245, 94



122, 110, 116



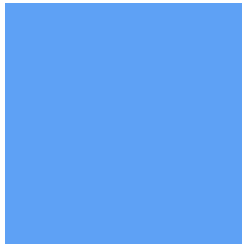
186, 0, 83



59, 0, 26

Previews

White Background



This preview shows how the RGB color 94, 161, 245 looks on a white background.

Color Contrast Check

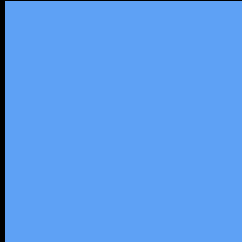
Large Text (above 18pt) WCAG AA × Fail

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 94, 161, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

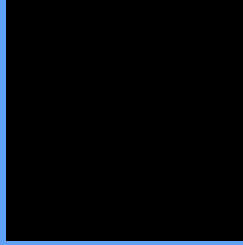
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

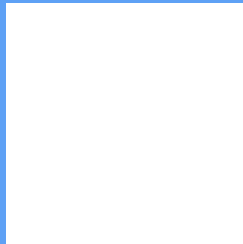
Any Text WCAG AAA ✓ Pass

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

RGB 94, 161, 245 Background



This preview shows how black text looks on a background with the RGB color 94, 161, 245.

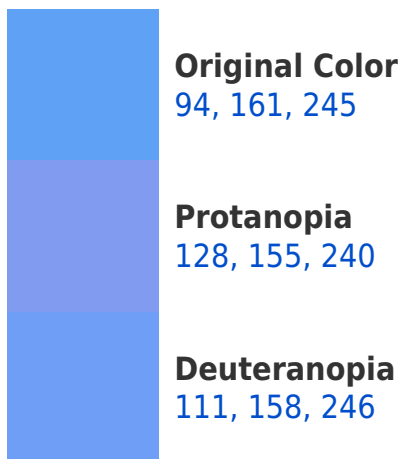


This preview shows how white text looks on a background with the RGB color 94, 161, 245.

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
66, 173, 187

Trichromacy



Original Color
94, 161, 245

Protanomaly
116, 157, 242

Deuteranomaly
105, 159, 246

Tritanomaly
76, 169, 208

Monochromacy



Original Color
94, 161, 245

Achromatopsia
151, 151, 151

Achromatomaly
130, 155, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 94, 161, 245 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(94, 161, 245)` looks like.

```
.text, #text, p{  
    color:rgb(94, 161, 245)  
}
```

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(94, 161, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 161, 245) }
```

Border

The CSS property to change the border of an element to RGB 94, 161, 245 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(94, 161, 245) }
```

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

```
.border{ border-color:rgb(94, 161, 245) }
```

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

Here you see how a box with a 4 pixel rgb(94, 161, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 161, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 161, 245);  
box-shadow:4px 4px 4px 4px rgb(94, 161,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 94, 161, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 161, 245) }
```

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

```
.background{ background-color: rgb(94, 161,  
245) }
```

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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