

Converting Colors

RGB(84, 179, 246)

Have a look what the booklet for
RGB(84, 179, 246) contains.

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Color

RGB(84, 179, 246)

Conversions

Conversions Part 1

Format	Color
Hex	54B3F6
RGB	84, 179, 246
RGB Percent	33%, 70%, 96%
CMY	0.6706, 0.2980, 0.0353
CMYK	0.66, 0.27, 0.00, 0.04
HSL	205°, 90%, 65%
HSV	205°, 66%, 96%
XYZ	36.4108, 40.7788, 93.1408
YIQ	158.2330, -78.1270, 0.6970

Conversions

Conversions Part 2

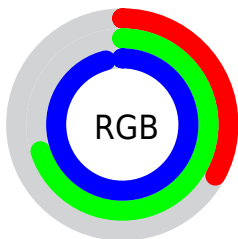
Format	Color
R _Y B	84, 144, 246
Decimal	5551094
CIE Lab	70.02, -7.64, -41.54
CIE LCh	70, 42.242, 259.574
Yxy	40.7788, 0.2138, 0.2394
Android (android.graphics.Color)	4283741174 (0xFF54B3F6)
YUV	158.2330, 43.2691, -65.1023
Hunter-Lab	63.8583, -9.9747, -41.7769

Details

The RGB color **84, 179, 246** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **246, 151, 84**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **148, 235, 255**, and **0, 127, 189** is the 20% darker color. If you saturate the color by 10%, you get **59, 169, 246**, and if you desaturate by 10%, it is **109, 189, 246**.

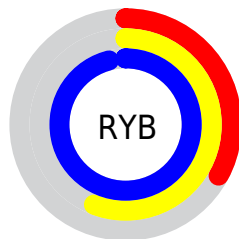
Distribution



Red (33%)

Green (70%)

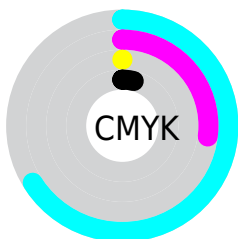
Blue (96%)



Red (33%)

Yellow (56%)

Blue (96%)

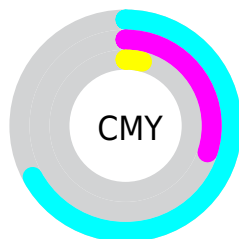


Cyan (66%)

Magenta (27%)

Yellow (0%)

Black (4%)



Cyan (67%)

















Magenta (30%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 84, 179, 246 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 84, 179, 246 by changing the saturation by 10% instead.

 84, 179, 246	 84, 179, 246
 255, 255, 255	 45, 152, 217
 148, 235, 255	 0, 127, 189
 178, 255, 255	 0, 102, 162
 209, 255, 255	 0, 78, 136
 240, 255, 255	 0, 55, 110
	 0, 35, 85
	 0, 6, 62
	 0, 3, 39
	 0, 1, 16

■ 84, 179, 246

■ 84, 179, 246

■ 59, 169, 246

■ 109, 189, 246

■ 35, 159, 246

■ 133, 199, 246

■ 10, 148, 246

■ 158, 210, 246

■ 0, 144, 246

■ 182, 220, 246

■ 207, 230, 246

■ 232, 240, 246

■ 255, 250, 246

■ 255, 255, 246

Harmonies

Analogous

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



0, 187, 228



84, 179, 246



155, 166, 243

Triad

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



84, 179, 246



245, 142, 147



126, 186, 120

Complementary

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



84, 179, 246



246, 151, 84

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.



170, 177, 97



84, 179, 246



234, 151, 114

Square

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



84, 179, 246



237, 142, 186



207, 164, 95



71, 190, 156

Rectangle

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



84, 179, 246



191, 157, 230



207, 164, 95



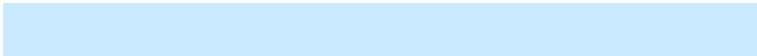
142, 183, 110

Sweetspot

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



84, 179, 246



204, 234, 255



84, 246, 149



97, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



84, 179, 246



54, 172, 255



84, 100, 246



110, 117, 122



0, 109, 186



0, 34, 59

Inverse Universe

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



246, 84, 179



255, 54, 172



246, 230, 84



122, 110, 117



186, 0, 109



59, 0, 34

Previews

White Background



This preview shows how the RGB color 84, 179, 246 looks on a white background.

Color Contrast Check

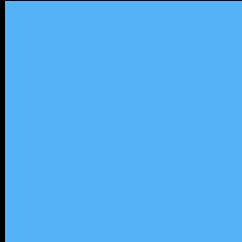
Large Text (above 18pt) WCAG AA × Fail

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 84, 179, 246 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

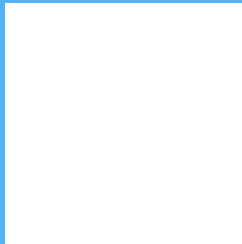
Any Text WCAG AAA ✓ Pass

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

RGB 84, 179, 246 Background



This preview shows how black text looks on a background with the RGB color 84, 179, 246.

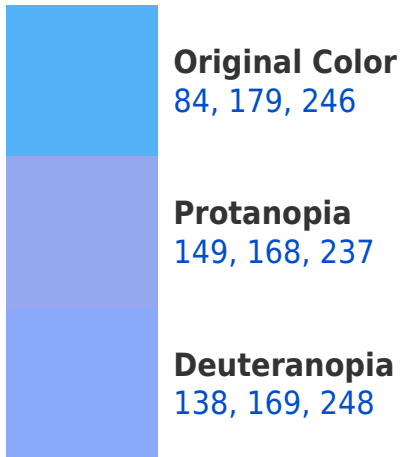


This preview shows how white text looks on a background with the RGB color 84, 179, 246.

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](#).

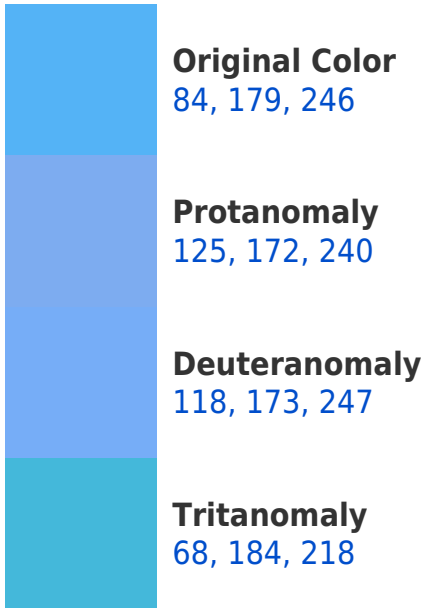
Dichromacy



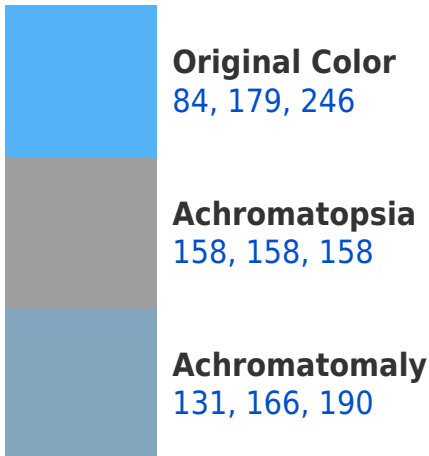


Tritanopia
59, 187, 202

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 84, 179, 246 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(84, 179, 246)` looks like.

```
.text, #text, p{  
    color:rgb(84, 179, 246)  
}
```

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(84, 179, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 179, 246) }
```

Border

The CSS property to change the border of an element to RGB 84, 179, 246 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(84, 179, 246) }
```

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

```
.border{ border-color:rgb(84, 179, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 179, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 179, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 179, 246);  
box-shadow:4px 4px 4px 4px rgb(84, 179,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 84, 179, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 179, 246) }
```

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

```
.background{ background-color: rgb(84, 179,  
246) }
```

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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