

Converting Colors

RGB(57, 183, 254)

Have a look what the booklet for
RGB(57, 183, 254) contains.

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Color

RGB(57, 183, 254)

Conversions

Conversions Part 1

Format	Color
Hex	39B7FE
RGB	57, 183, 254
RGB Percent	22%, 72%, 100%
CMY	0.7765, 0.2824, 0.0039
CMYK	0.78, 0.28, 0.00, 0.00
HSL	202°, 99%, 61%
HSV	202°, 78%, 100%
XYZ	36.5102, 41.8926, 99.9277
YIQ	153.4200, -97.8870, -4.6310

Conversions

Conversions Part 2

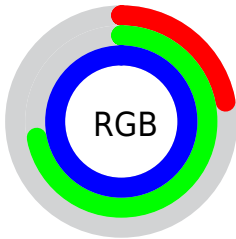
Format	Color
R _Y B	57, 134, 254
Decimal	3782654
CIE Lab	70.80, -10.66, -44.71
CIE LCh	71, 45.963, 256.590
Yxy	41.8926, 0.2047, 0.2349
Android (android.graphics.Color)	4281972734 (0xFF39B7FE)
YUV	153.4200, 49.5859, -84.5603
Hunter-Lab	64.7245, -12.5784, -46.2303

Details

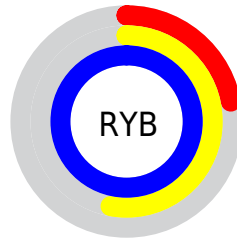
The RGB color **57, 183, 254** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **254, 128, 57**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **131, 239, 255**, and **0, 130, 197** is the 20% darker color. If you saturate the color by 10%, you get **32, 174, 254**, and if you desaturate by 10%, it is **82, 192, 254**.

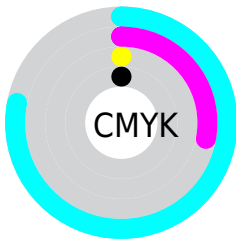
Distribution



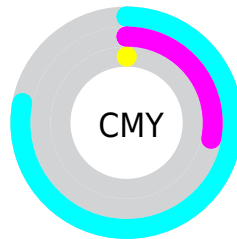
- Red (22%)
- Green (72%)
- Blue (100%)



- Red (22%)
- Yellow (53%)
- Blue (100%)



- Cyan (78%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



















- Cyan (78%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 57, 183, 254 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 57, 183, 254 by changing the saturation by 10% instead.

 57, 183, 254	 57, 183, 254
 255, 255, 255	 0, 156, 225
 131, 239, 255	 0, 130, 197
 163, 255, 255	 0, 105, 169
 195, 255, 255	 0, 81, 143
 226, 255, 255	 0, 59, 117
	 0, 37, 92
	 0, 13, 68
	 0, 3, 45
	 0, 1, 23

■ 57, 183, 254

■ 57, 183, 254

■ 32, 174, 254

■ 82, 192, 254

■ 6, 165, 254

■ 108, 201, 254

■ 0, 162, 254

■ 133, 210, 254

■ 159, 220, 254

■ 184, 229, 254

■ 209, 238, 254

■ 235, 247, 254

255, 255, 254

Harmonies

Analogous

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



0, 192, 233



57, 183, 254



147, 169, 253

Triad

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



57, 183, 254



253, 140, 151



129, 188, 114

Complementary

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



57, 183, 254



254, 128, 57

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.



176, 178, 91



57, 183, 254



243, 149, 114

Square

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



57, 183, 254



242, 141, 194



215, 164, 91



66, 194, 152

Rectangle

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



57, 183, 254



189, 159, 241



215, 164, 91



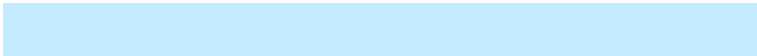
146, 185, 104

Sweetspot

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



57, 183, 254



196, 234, 255



57, 254, 126



92, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



57, 183, 254



18, 170, 255



57, 87, 254



115, 123, 128



0, 122, 191



0, 41, 64

Inverse Universe

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



254, 57, 183



255, 18, 170



254, 224, 57



128, 115, 123



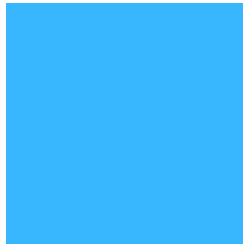
191, 0, 122



64, 0, 41

Previews

White Background



This preview shows how the RGB color 57, 183, 254 looks on a white background.

Color Contrast Check

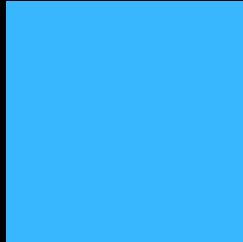
Large Text (above 18pt) WCAG AA × Fail

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 57, 183, 254 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

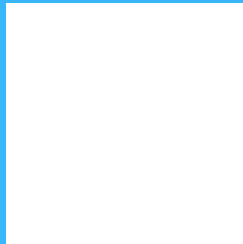
Any Text WCAG AAA ✓ Pass

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

RGB 57, 183, 254 Background



This preview shows how black text looks on a background with the RGB color 57, 183, 254.

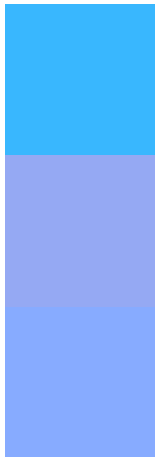


This preview shows how white text looks on a background with the RGB color 57, 183, 254.

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](#).

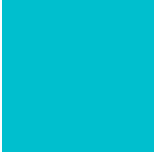
Dichromacy



Original Color
57, 183, 254

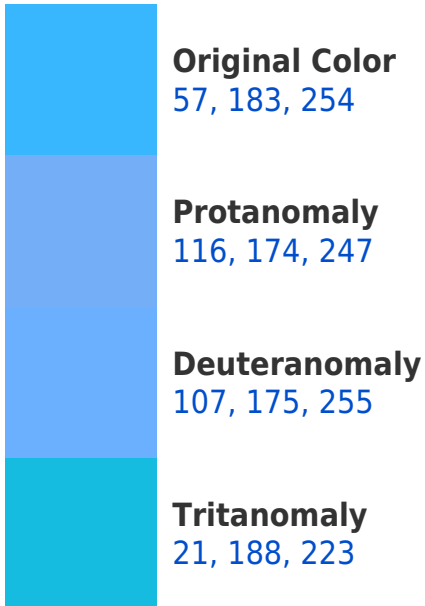
Protanopia
149, 169, 243

Deuteranopia
135, 171, 255

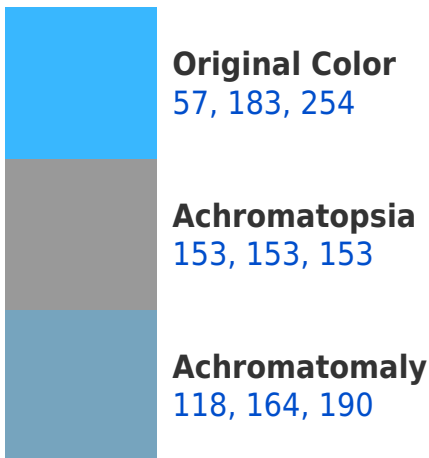


Tritanopia
0, 191, 206

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 57, 183, 254 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(57, 183, 254) looks like.

```
.text, #text, p{  
    color:rgb(57, 183, 254)  
}
```

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(57, 183, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 183, 254) }
```

Border

The CSS property to change the border of an element to RGB 57, 183, 254 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(57, 183, 254) }
```

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

```
.border{ border-color:rgb(57, 183, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 183, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 183, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 183, 254);  
box-shadow:4px 4px 4px 4px rgb(57, 183,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 57, 183, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 183, 254) }
```

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

```
.background{ background-color: rgb(57, 183,  
254) }
```

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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