

Converting Colors

RGB(52, 174, 252)

Have a look what the booklet for
RGB(52, 174, 252) contains.

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Color

RGB(52, 174, 252)

Conversions

Conversions Part 1

Format	Color
Hex	34AEFC
RGB	52, 174, 252
RGB Percent	20%, 68%, 99%
CMY	0.7961, 0.3176, 0.0118
CMYK	0.79, 0.31, 0.00, 0.01
HSL	203°, 97%, 60%
HSV	203°, 79%, 99%
XYZ	34.1229, 38.0304, 97.6376
YIQ	146.4140, -97.7500, -1.6060

Conversions

Conversions Part 2

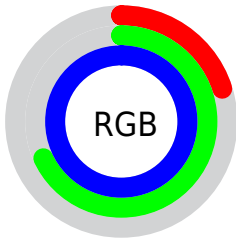
Format	Color
R _Y B	52, 128, 252
Decimal	3452668
CIE Lab	68.04, -6.89, -47.96
CIE LCh	68, 48.454, 261.824
Yxy	38.0304, 0.2010, 0.2240
Android (android.graphics.Color)	4281642748 (0xFF34AEFC)
YUV	146.4140, 52.0539, -82.8011
Hunter-Lab	61.6688, -9.1519, -50.7031

Details

The RGB color **52, 174, 252** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **252, 130, 52**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **128, 229, 255**, and **0, 122, 195** is the 20% darker color. If you saturate the color by 10%, you get **27, 164, 252**, and if you desaturate by 10%, it is **77, 184, 252**.

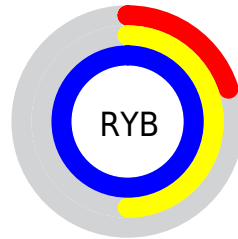
Distribution



Red (20%)

Green (68%)

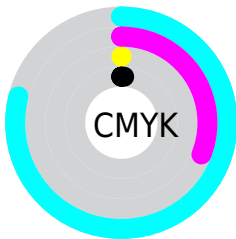
Blue (99%)



Red (20%)

Yellow (50%)

Blue (99%)

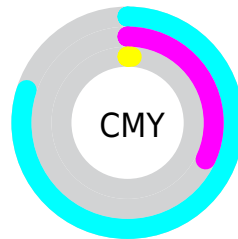


Cyan (79%)

Magenta (31%)

Yellow (0%)

Black (1%)



Cyan (80%)
















Magenta (32%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 52, 174, 252 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 52, 174, 252 by changing the saturation by 10% instead.

 52, 174, 252	 52, 174, 252
255, 255, 255	 0, 148, 223
 128, 229, 255	 0, 122, 195
 160, 255, 255	 0, 97, 167
 192, 255, 255	 0, 74, 141
 223, 255, 255	 0, 52, 115
254, 255, 255	 0, 32, 90
	 0, 7, 66
	 0, 3, 43
	 0, 1, 21

■ 52, 174, 252

■ 52, 174, 252

■ 27, 164, 252

■ 77, 184, 252

■ 2, 154, 252

■ 102, 194, 252

■ 0, 154, 252

■ 128, 203, 252

■ 153, 213, 252

■ 178, 223, 252

■ 203, 233, 252

■ 228, 243, 252

■ 254, 253, 252

255, 255, 252

Harmonies

Analogous

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



0, 184, 234



52, 174, 252



150, 159, 247

Triad

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



52, 174, 252



248, 131, 136



109, 183, 110

Complementary

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



52, 174, 252



252, 130, 52

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.



160, 173, 81



52, 174, 252



234, 143, 98

Square

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



52, 174, 252



241, 130, 180



202, 159, 77



7, 187, 152

Rectangle

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



52, 174, 252



192, 148, 231



202, 159, 77



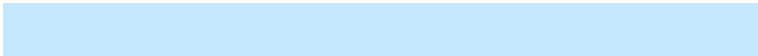
127, 180, 98

Sweetspot

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



52, 174, 252



194, 231, 255



52, 252, 129



91, 113, 128



0, 0, 0



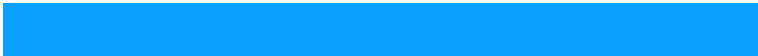
128, 128, 128

Same Dimension

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



52, 174, 252



13, 161, 255



52, 75, 252



112, 120, 125



0, 115, 189



0, 37, 61

Inverse Universe

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



252, 52, 174



255, 13, 161



252, 229, 52



125, 112, 120



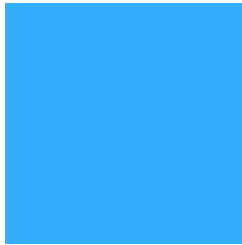
189, 0, 115



61, 0, 37

Previews

White Background



This preview shows how the RGB color 52, 174, 252 looks on a white background.

Color Contrast Check

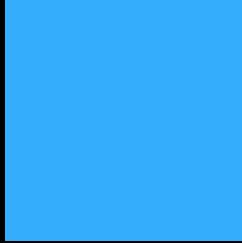
Large Text (above 18pt) WCAG AA × Fail

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 52, 174, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

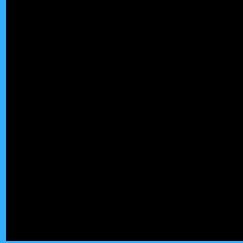
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

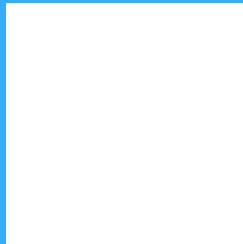
Any Text WCAG AAA ✓ Pass

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

RGB 52, 174, 252 Background



This preview shows how black text looks on a background with the RGB color 52, 174, 252.

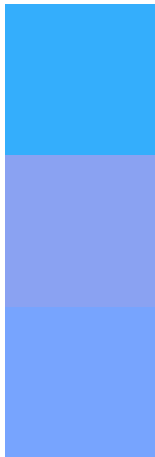


This preview shows how white text looks on a background with the RGB color 52, 174, 252.

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](#).

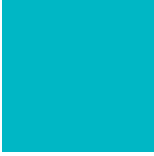
Dichromacy



Original Color
52, 174, 252

Protanopia
138, 162, 242

Deuteranopia
119, 164, 254



Tritanopia
0, 183, 197

Trichromacy



Original Color

52, 174, 252



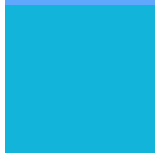
Protanomaly

107, 166, 246



Deuteranomaly

95, 168, 253



Tritanomaly

19, 180, 217

Monochromacy



Original Color

52, 174, 252



Achromatopsia

146, 146, 146



Achromatomaly

112, 156, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 52, 174, 252 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(52, 174, 252)` looks like.

```
.text, #text, p{  
    color:rgb(52, 174, 252)  
}
```

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(52, 174, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 174, 252) }
```

Border

The CSS property to change the border of an element to RGB 52, 174, 252 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(52, 174, 252) }
```

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

```
.border{ border-color:rgb(52, 174, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 174, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(52, 174, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(52, 174, 252); box-shadow:4px 4px 4px 4px rgb(52, 174, 252) }
```

Background

The CSS property to change the background color of an element to RGB 52, 174, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 174, 252) }
```

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

```
.background{ background-color: rgb(52, 174,  
252) }
```

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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