

Converting Colors

RGB(47, 193, 244)

Have a look what the booklet for
RGB(47, 193, 244) contains.

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Color

RGB(47, 193, 244)

Conversions

Conversions Part 1

Format	Color
Hex	2FC1F4
RGB	47, 193, 244
RGB Percent	18%, 76%, 96%
CMY	0.8157, 0.2431, 0.0431
CMYK	0.81, 0.21, 0.00, 0.04
HSL	196°, 90%, 57%
HSV	196°, 81%, 96%
XYZ	36.5714, 45.2759, 92.3996
YIQ	155.1600, -103.3870, -15.0910

Conversions

Conversions Part 2

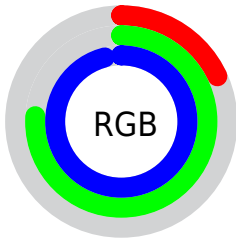
Format	Color
RYB	47, 131, 244
Decimal	3129844
CIELab	73.07, -20.27, -35.78
CIELCh	73, 41.119, 240.466
Yxy	45.2759, 0.2099, 0.2598
Android (android.graphics.Color)	4281319924 (0xFF2FC1F4)
YUV	155.1600, 43.7981, -94.8563
Hunter-Lab	67.2874, -20.7363, -34.3163

Details

The RGB color **47, 193, 244** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **244, 98, 47**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **125, 250, 255**, and **0, 139, 188** is the 20% darker color. If you saturate the color by 10%, you get **23, 187, 244**, and if you desaturate by 10%, it is **71, 199, 244**.

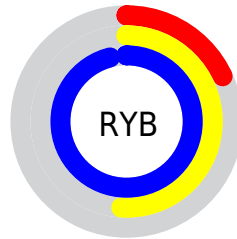
Distribution



Red (18%)

Green (76%)

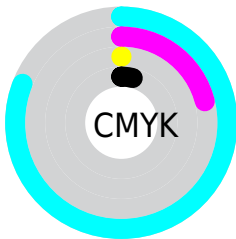
Blue (96%)



Red (18%)

Yellow (51%)

Blue (96%)

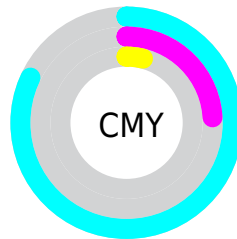


Cyan (81%)

Magenta (21%)

Yellow (0%)

Black (4%)



Cyan (82%)


















Magenta (24%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 47, 193, 244 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 47, 193, 244 by changing the saturation by 10% instead.

 47, 193, 244	 47, 193, 244
 255, 255, 255	 0, 166, 215
 125, 250, 255	 0, 139, 188
 157, 255, 255	 0, 114, 160
 189, 255, 255	 0, 89, 134
 220, 255, 255	 0, 66, 109
 252, 255, 255	 0, 43, 84
	 0, 22, 60
	 0, 3, 38
	 0, 1, 15

■ 47, 193, 244

■ 47, 193, 244

■ 23, 187, 244

■ 71, 199, 244

■ 0, 181, 244

■ 96, 206, 244

■ 120, 212, 244

■ 145, 218, 244

■ 169, 225, 244

■ 193, 231, 244

■ 218, 237, 244

■ 242, 244, 244

■ 255, 250, 244

Harmonies

Analogous

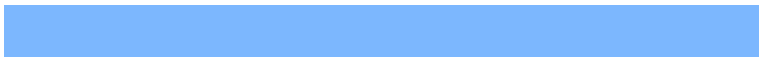
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0, 198, 216



47, 193, 244



124, 183, 254

Triad

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



47, 193, 244



250, 150, 180



164, 189, 113

Complementary

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



47, 193, 244



244, 98, 47

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.



203, 177, 103



47, 193, 244



251, 153, 143

Square

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



47, 193, 244



227, 156, 217



234, 164, 115



119, 196, 141

Rectangle

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



47, 193, 244



166, 174, 250



234, 164, 115



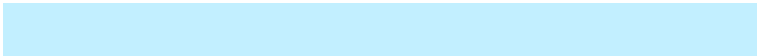
178, 185, 107

Sweetspot

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



47, 193, 244



194, 239, 255



47, 244, 96



91, 118, 128



0, 0, 0



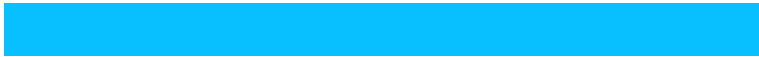
128, 128, 128

Same Dimension

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



47, 193, 244



8, 191, 255



47, 96, 244



110, 119, 122



0, 138, 186



0, 43, 59

Inverse Universe

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



244, 47, 193



255, 8, 191



244, 195, 47



122, 110, 119



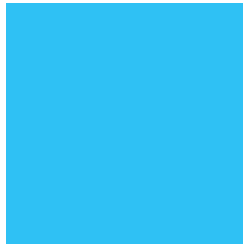
186, 0, 138



59, 0, 43

Previews

White Background



This preview shows how the RGB color 47, 193, 244 looks on a white background.

Color Contrast Check

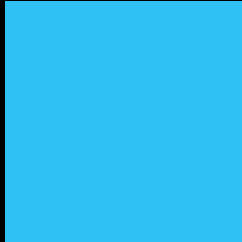
Large Text (above 18pt) WCAG AA × Fail

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 47, 193, 244 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

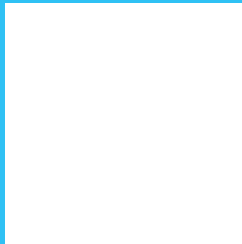
Any Text WCAG AAA ✓ Pass

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

RGB 47, 193, 244 Background



This preview shows how black text looks on a background with the RGB color 47, 193, 244.



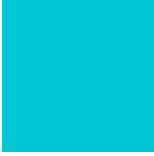
This preview shows how white text looks on a background with the RGB color 47, 193, 244.

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
0, 198, 214

Trichromacy



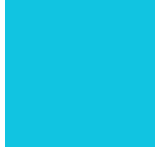
Original Color
47, 193, 244



Protanomaly
121, 182, 236



Deuteranomaly
115, 182, 247



Tritanomaly
17, 196, 225

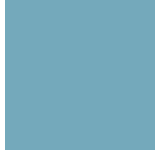
Monochromacy



Original Color
47, 193, 244



Achromatopsia
155, 155, 155



Achromatomaly
116, 169, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 47, 193, 244 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(47, 193, 244)` looks like.

```
.text, #text, p{  
    color:rgb(47, 193, 244)  
}
```

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(47, 193, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 193, 244) }
```

Border

The CSS property to change the border of an element to RGB 47, 193, 244 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(47, 193, 244) }
```

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

```
.border{ border-color:rgb(47, 193, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 193, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 193, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 193, 244);  
box-shadow:4px 4px 4px 4px rgb(47, 193,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 47, 193, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 193, 244) }
```

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

```
.background{ background-color: rgb(47, 193,  
244) }
```

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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