Converting Colors

RGB(74, 171, 249)

Have a look what the booklet for RGB(74, 171, 249) contains.

Color

RGB(74, 171, 249)

Conversions

Conversions Part 1

Format	Color
Hex	4AABF9
RGB	74, 171, 249
RGB Percent	29%, 67%, 98%
CMY	0.7098, 0.3294, 0.0235
CMYK	0.70, 0.31, 0.00, 0.02
HSL	207°, 94%, 63%
HSV	207°, 70%, 98%
XYZ	34.4858, 37.4212, 95.0280
YIQ	150.8890, -82.8500, 3.6940

Conversions

Conversions Part 2

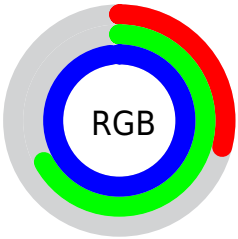
Format	Color
RYB	74, 136, 249
Decimal	4893689
CIELab	67.59, -3.69, -47.01
CIELCh	68, 47.150, 265.510
Yxy	37.4212, 0.2066, 0.2242
Android (android.graphics.Color)	4283083769 (0xFF4AABF9)
YUV	150.8890, 48.3687, -67.4317
Hunter-Lab	61.1729, -6.4243, -49.2820

Details

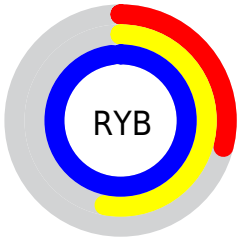
The RGB color 74, 171, 249 is a light color, and the websafe version is hex 0099FF. The color can be described as light washed azure. A complement of this color would be 249, 152, 74, and the grayscale version is 150, 150, 150.

A 20% lighter version of the original color is 141, 226, 255, and 0, 119, 192 is the 20% darker color. If you saturate the color by 10%, you get 49, 160, 249, and if you desaturate by 10%, it is 99, 182, 249.

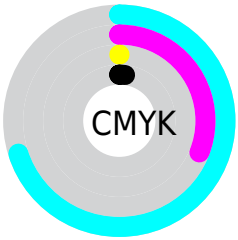
Distribution



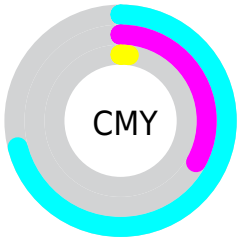
- Red (29%)
- Green (67%)
- Blue (98%)



- Red (29%)
- Yellow (53%)
- Blue (98%)



- Cyan (70%)
- Magenta (31%)
- Yellow (0%)
- Black (2%)



- Cyan (71%)
- Magenta (33%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 74, 171, 249 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 74, 171, 249 by changing the saturation by 10% instead.

74, 171, 249

255, 255, 255

141, 226, 255

172, 255, 255

203, 255, 255

234, 255, 255

74, 171, 249

25, 145, 220

0, 119, 192

0, 95, 165

0, 71, 138

0, 50, 112

0, 30, 87

0, 7, 63

0, 3, 40

0, 1, 18

74, 171, 249

49, 160, 249

24, 149, 249

0, 138, 249

74, 171, 249

99, 182, 249

124, 193, 249

149, 204, 249

174, 215, 249

198, 226, 249

223, 238, 249

248, 249, 249

255, 255, 249

Harmonies

Analogous

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

0, 181, 234

74, 171, 249

158, 156, 241

Triad

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

74, 171, 249

244, 132, 130

102, 182, 115

Complementary

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

74, 171, 249

249, 152, 74

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.

154, 173, 85

74, 171, 249

228, 145, 96

Square

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

74, 171, 249

240, 130, 173

196, 160, 78

0, 186, 157

Rectangle

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

74, 171, 249

196, 145, 225

196, 160, 78

121, 179, 103

Sweetspot

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

74, 171, 249

201, 231, 255

74, 249, 150

96, 113, 128

0, 0, 0

128, 128, 128

Same Dimension

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

74, 171, 249

41, 160, 255

74, 86, 249

112, 119, 125

0, 105, 189

0, 34, 61

Inverse Universe

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

249, 74, 171

255, 41, 160

249, 237, 74

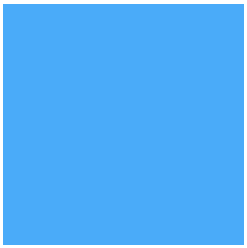
125, 112, 119

189, 0, 105

61, 0, 34

Previews

White Background

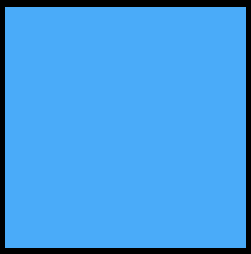


This preview shows how the RGB color 74, 171, 249 looks on a white background.

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 74, 171, 249 looks on a black background.

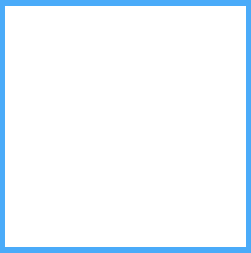
Color Contrast Check

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 74, 171, 249 Background

This preview shows how black text looks on a background with the RGB color 74, 171, 249.



This preview shows how white text looks on a background with the RGB color 74, 171, 249.

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

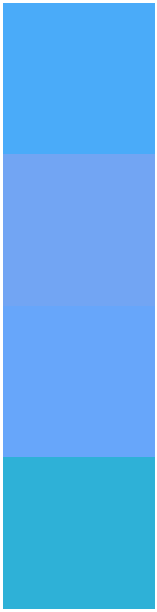
Original Color
74, 171, 249

Protanopia
137, 161, 240

Deuteranopia
120, 163, 251

Tritanopia
30, 181, 196

Trichromacy



Original Color
74, 171, 249

Protanomaly
114, 165, 243

Deuteranomaly
103, 166, 250

Tritanomaly
46, 177, 215

Monochromacy

Original Color
74, 171, 249

Achromatopsia
151, 151, 151

Achromatomaly
123, 158, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 74, 171, 249 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(74, 171, 249) looks like.

```
.text, #text, p{
    color:rgb(74, 171, 249)
}
```

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(74, 171, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 171, 249) }
```

Border

The CSS property to change the border of an element to RGB 74, 171, 249 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(74, 171, 249) }
```

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

```
.border{ border-color:rgb(74, 171, 249) }
```

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

Here you see how a box with a 4 pixel rgb(74, 171, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(74, 171, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(74, 171, 249); box-shadow:4px 4px 4px 4px rgb(74, 171, 249) }
```

Background

The CSS property to change the background color of an element to RGB 74, 171, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(74, 171, 249) }
```

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

```
.background{ background-color:rgb(74, 171,
249) }
```

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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