

Converting Colors

RGB(75, 217, 254)

Have a look what the booklet for
RGB(75, 217, 254) contains.

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Color

RGB(75, 217, 254)

Conversions

Conversions Part 1

Format	Color
Hex	4BD9FE
RGB	75, 217, 254
RGB Percent	29%, 85%, 100%
CMY	0.7059, 0.1490, 0.0039
CMYK	0.70, 0.15, 0.00, 0.00
HSL	192°, 99%, 65%
HSV	192°, 70%, 100%
XYZ	45.6039, 58.2773, 102.6110
YIQ	178.7600, -96.5090, -18.5970

Conversions

Conversions Part 2

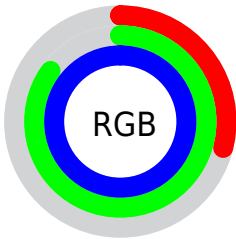
Format	Color
RYB	75, 154, 254
Decimal	4971006
CIELab	80.89, -26.21, -29.03
CIELCh	81, 39.108, 227.922
Yxy	58.2773, 0.2209, 0.2822
Android (android.graphics.Color)	4283161086 (0xFF4BD9FE)
YUV	178.7600, 37.0933, -90.9975
Hunter-Lab	76.3396, -26.9616, -26.2563

Details

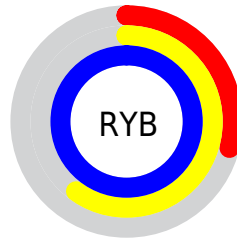
The RGB color **75, 217, 254** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **254, 112, 75**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **144, 255, 255**, and **0, 162, 197** is the 20% darker color. If you saturate the color by 10%, you get **50, 212, 254**, and if you desaturate by 10%, it is **100, 222, 254**.

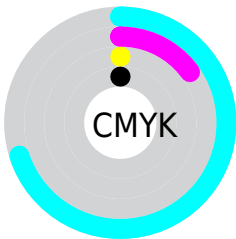
Distribution



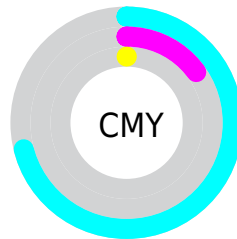
- Red (29%)
- Green (85%)
- Blue (100%)



- Red (29%)
- Yellow (60%)
- Blue (100%)



- Cyan (70%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



















- Cyan (71%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 75, 217, 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 75, 217, 254 by changing the saturation by 10% instead.

 75, 217, 254	 75, 217, 254
 255, 255, 255	 20, 189, 225
 144, 255, 255	 0, 162, 197
 176, 255, 255	 0, 135, 170
 207, 255, 255	 0, 110, 143
 239, 255, 255	 0, 85, 118
	 0, 62, 93
	 0, 40, 69
	 0, 10, 47
	 0, 1, 25

■ 75, 217, 254

■ 75, 217, 254

■ 50, 212, 254

■ 100, 222, 254

■ 24, 206, 254

■ 126, 228, 254

■ 0, 201, 254

■ 151, 233, 254

■ 177, 238, 254

■ 202, 243, 254

■ 227, 249, 254

■ 253, 254, 254

255, 255, 254

Harmonies

Analogous

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



75, 221, 222



75, 217, 254



126, 209, 255

Triad

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



75, 217, 254



255, 174, 217



203, 206, 130

Complementary

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



75, 217, 254



254, 112, 75

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.



239, 194, 129



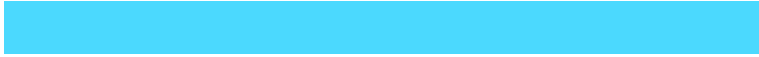
75, 217, 254



255, 174, 180

Square

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



75, 217, 254



232, 184, 250



255, 181, 148



162, 215, 151

Rectangle

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



75, 217, 254



165, 201, 255



255, 181, 148



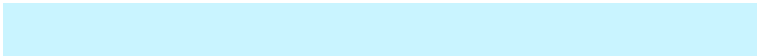
216, 202, 128

Sweetspot

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



75, 217, 254



201, 244, 255



75, 254, 111



96, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



75, 217, 254



38, 210, 255



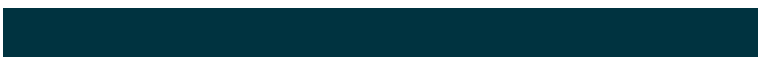
75, 129, 254



115, 125, 128



0, 152, 191



0, 51, 64

Inverse Universe

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



254, 75, 217



255, 38, 210



254, 200, 75



128, 115, 125



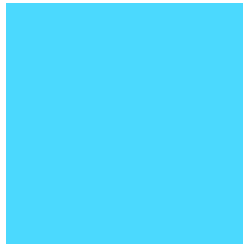
191, 0, 152



64, 0, 51

Previews

White Background



This preview shows how the RGB color 75, 217, 254 looks on a white background.

Color Contrast Check

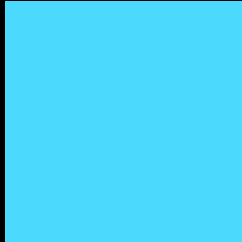
Large Text (above 18pt) WCAG AA × Fail

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 75, 217, 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 75, 217, 254 Background



This preview shows how black text looks on a background with the RGB color 75, 217, 254.

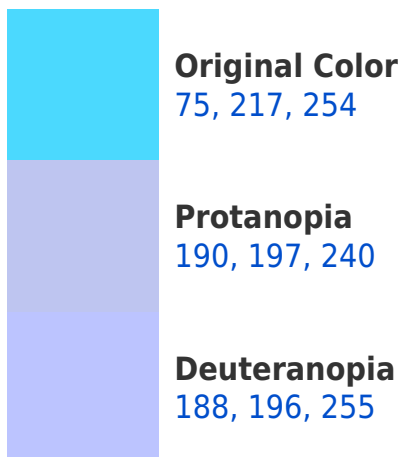


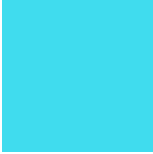
This preview shows how white text looks on a background with the RGB color 75, 217, 254.

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





Tritanopia
64, 220, 238

Trichromacy



Original Color

75, 217, 254



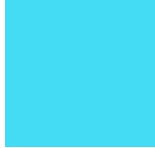
Protanomaly

148, 204, 245



Deuteranomaly

147, 204, 255



Tritanomaly

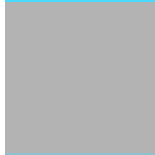
68, 219, 244

Monochromacy



Original Color

75, 217, 254



Achromatopsia

179, 179, 179



Achromatomaly

141, 193, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 75, 217, 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(75, 217, 254)` looks like.

```
.text, #text, p{  
    color:rgb(75, 217, 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(75, 217, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 217, 254) }
```

Border

The CSS property to change the border of an element to RGB 75, 217, 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(75, 217, 254) }
```

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

```
.border{ border-color:rgb(75, 217, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 217, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 217, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 217, 254);  
box-shadow:4px 4px 4px 4px rgb(75, 217,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 75, 217, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 217, 254) }
```

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

```
.background{ background-color: rgb(75, 217,  
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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