

Converting Colors

Hex(47C3FA)

Have a look what the booklet for
Hex(47C3FA) contains.

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Color

Hex(47C3FA)

Conversions

Conversions Part 1

Format	Color
Hex	47C3FA
RGB	71, 195, 250
RGB Percent	28%, 76%, 98%
CMY	0.7216, 0.2353, 0.0196
CMYK	0.72, 0.22, 0.00, 0.02
HSL	198°, 95%, 63%
HSV	198°, 72%, 98%
XYZ	39.3690, 47.2719, 97.4919
YIQ	164.1940, -91.5590, -9.1830

Conversions

Conversions Part 2

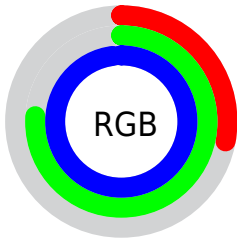
Format	Color
RYP	71, 144, 250
Decimal	4703226
CIELab	74.36, -16.78, -36.97
CIELCh	74, 40.600, 245.582
Yxy	47.2719, 0.2138, 0.2567
Android (android.graphics.Color)	4282893306 (0xFF47C3FA)
YUV	164.1940, 42.3024, -81.7311
Hunter-Lab	68.7546, -18.1112, -35.9432

Details

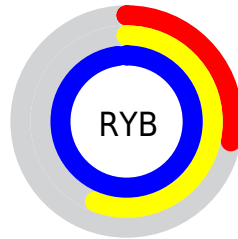
The Hex color **47C3FA** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **FA7E47**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **8CFCFF**, and **008DC1** is the 20% darker color. If you saturate the color by 10%, you get **2EBBFA**, and if you desaturate by 10%, it is **60CBFA**.

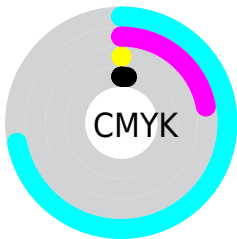
Distribution



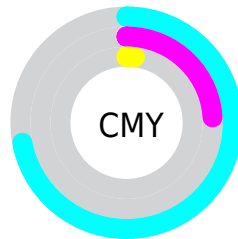
- Red (28%)
- Green (76%)
- Blue (98%)



- Red (28%)
- Yellow (56%)
- Blue (98%)



- Cyan (72%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (72%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47C3FA 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 Hex color 47C3FA by changing the saturation by 10% instead.

 47C3FA

 47C3FA

FFFFFF

 0EA8DD

 8CFCFF

 008DC1

 ABFFFF

 0074A6

 CAFFFF

 005B8B

 E9FFFF

 004472

 002D59

 001B41

 00032B

 000115

■ 47C3FA

■ 47C3FA

■ 2EBBFA

■ 60CBFA

■ 15B4FA

■ 79D2FA

■ 00ADFA

■ 92DAFA

■ ABE2FA

■ C4E9FA

■ DDF1FA

■ F6F9FA

■ FFFFFA

Harmonies

Analogous

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



00C9E1



47C3FA



8CB8FF

Triad

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



47C3FA



FE9AB1



A1C179

Complementary

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



47C3FA



FA7E47

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.



C9B76C



47C3FA



FC9E8D

Square

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



47C3FA



EC9FD6



E9AA74



73C897

Rectangle

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



47C3FA



B3AFFA



E9AA74



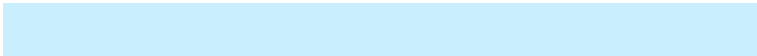
AFBE72

Sweetspot

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



47C3FA



C9EFFF



47FA7D



607680



000000



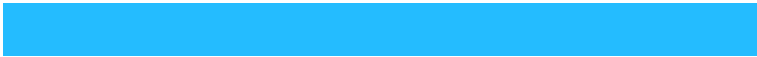
808080

Same Dimension

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



47C3FA



24BCFF



476BFA



70797D



0083BD



002A3D

Inverse Universe

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



FA47C3



FF24BC



FAD647



7D7079



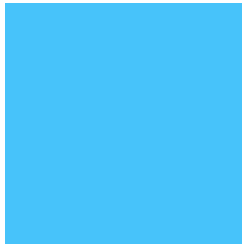
BD0083



3D002A

Previews

White Background



This preview shows how the Hex color 47C3FA looks on a white background.

Color Contrast Check

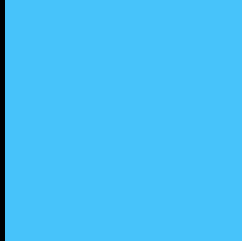
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 47C3FA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

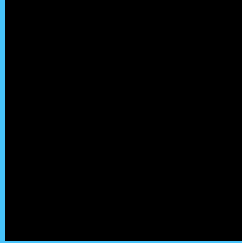
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

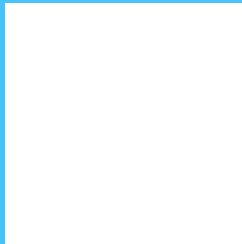
Any Text WCAG AAA ✓ Pass

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

Hex 47C3FA Background



This preview shows how black text looks on a background with the Hex color 47C3FA.

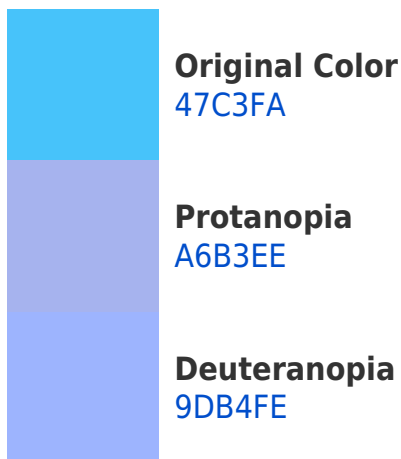


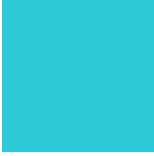
This preview shows how white text looks on a background with the Hex color 47C3FA.

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](#).

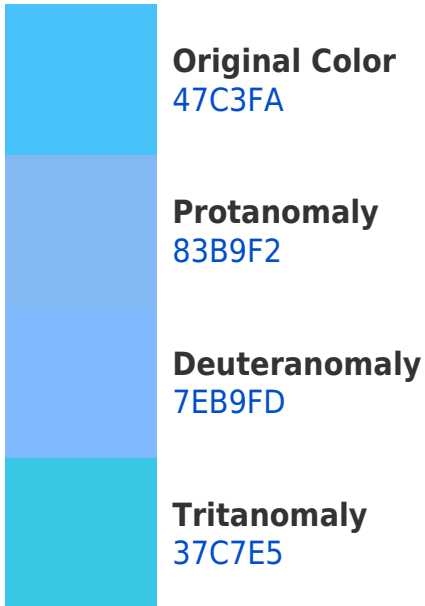
Dichromacy



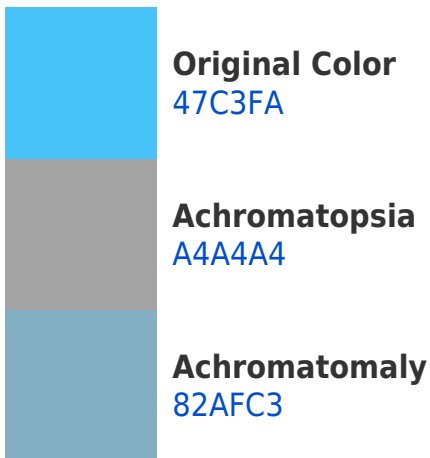


Tritanopia
2EC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47C3FA 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 #47C3FA looks like.

```
.text, #text, p{  
    color:#47C3FA  
}
```

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 #47C3FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47C3FA
}
```

Border

The CSS property to change the border of an element to Hex 47C3FA 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
#47C3FA }
```

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

```
.border{ border-color:#47C3FA }
```

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

Here you see how a box with a 4 pixel #47C3FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47C3FA; -webkit-box-shadow:4px 4px  
4px 4px #47C3FA; box-shadow:4px 4px 4px  
4px #47C3FA }
```

Background

The CSS property to change the background color of an element to Hex 47C3FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47C3FA }
```

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

```
.background{ background-color:#47C3FA }
```

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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