

Converting Colors

Hex(47D8FC)

Have a look what the booklet for
Hex(47D8FC) contains.

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Color

Hex(47D8FC)

Conversions

Conversions Part 1

Format	Color
Hex	47D8FC
RGB	71, 216, 252
RGB Percent	28%, 85%, 99%
CMY	0.7216, 0.1529, 0.0118
CMYK	0.72, 0.14, 0.00, 0.01
HSL	192°, 97%, 63%
HSV	192°, 72%, 99%
XYZ	44.7251, 57.4796, 100.8329
YIQ	176.7490, -97.9760, -19.5440

Conversions

Conversions Part 2

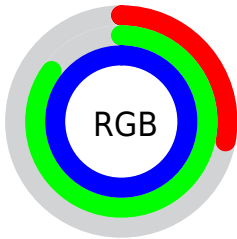
Format	Color
RYB	71, 152, 252
Decimal	4708604
CIELab	80.45, -26.82, -28.65
CIELCh	80, 39.250, 226.889
Yxy	57.4796, 0.2203, 0.2831
Android (android.graphics.Color)	4282898684 (0xFF47D8FC)
YUV	176.7490, 37.0987, -92.7419
Hunter-Lab	75.8153, -27.3758, -25.7838

Details

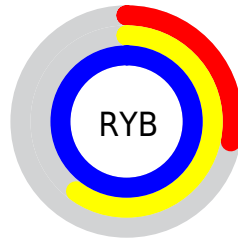
The Hex color **47D8FC** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FC6B47**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **8DFFFF**, and **00A1C3** is the 20% darker color. If you saturate the color by 10%, you get **2ED3FC**, and if you desaturate by 10%, it is **60DDFC**.

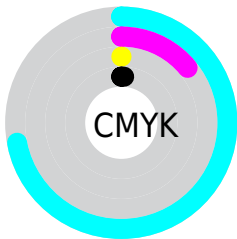
Distribution



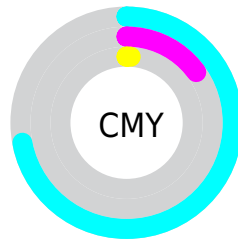
- Red (28%)
- Green (85%)
- Blue (99%)



- Red (28%)
- Yellow (60%)
- Blue (99%)



- Cyan (72%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



- Cyan (72%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47D8FC 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 47D8FC by changing the saturation by 10% instead.

 47D8FC

 47D8FC

FFFFFF

 06BCDF

 8DFFFF

 00A1C3

 ADFFFF

 0086A8

 CDFFFF

 006D8D

 ECFFFF

 005474

 003D5B

 002743

 00072D

 000118

■ 47D8FC

■ 47D8FC

■ 2ED3FC

■ 60DDFC

■ 15CEFC

■ 79E2FC

■ 00CAFC

■ 93E7FC

■ ACEFCF

■ C5F1FC

■ DEF6FC

■ F7FBFC

FFFFFC

Harmonies

Analogous

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



4ADBDC



47D8FC



7AD0FF

Triad

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



47D8FC



FFADD9



CBCC80

Complementary

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



47D8FC



FC6B47

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.



EFC080



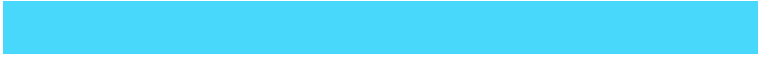
47D8FC



FFACB4

Square

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



47D8FC



E6B7FA



FFB494



A2D594

Rectangle

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



47D8FC



A2C8FF



FFB494



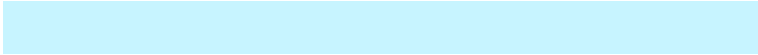
D8C87E

Sweetspot

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



47D8FC



C7F4FF



47FC68



5E7980



000000



808080

Same Dimension

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



47D8FC



24D3FF



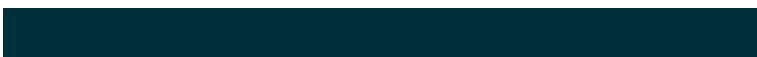
4780FC



707A7D



0097BD



00313D

Inverse Universe

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



FC47D8



FF24D3



FCC347



7D707A



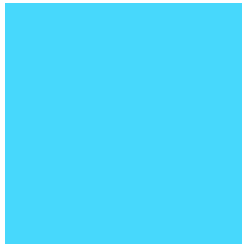
BD0097



3D0031

Previews

White Background



This preview shows how the Hex color 47D8FC looks on a white background.

Color Contrast Check

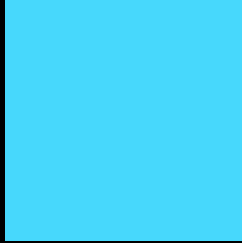
Large Text (above 18pt) WCAG AA × Fail

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 47D8FC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

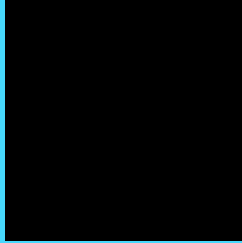
Any Text WCAG AA ✓ Pass

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 47D8FC Background



This preview shows how black text looks on a background with the Hex color 47D8FC.

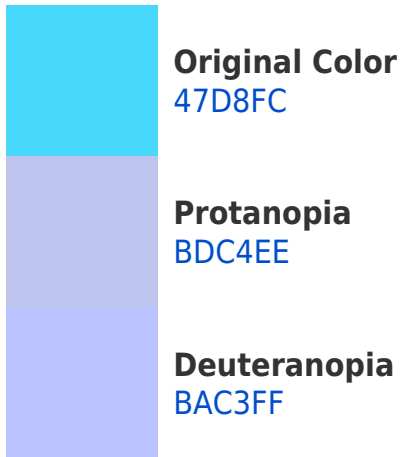


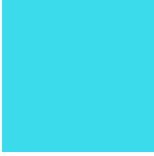
This preview shows how white text looks on a background with the Hex color 47D8FC.

Color Blindness Simulation

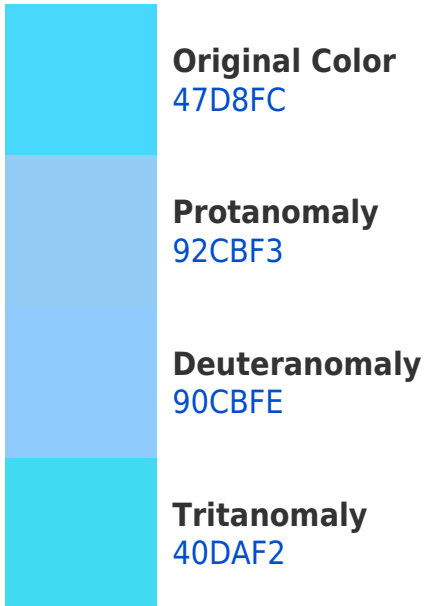
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

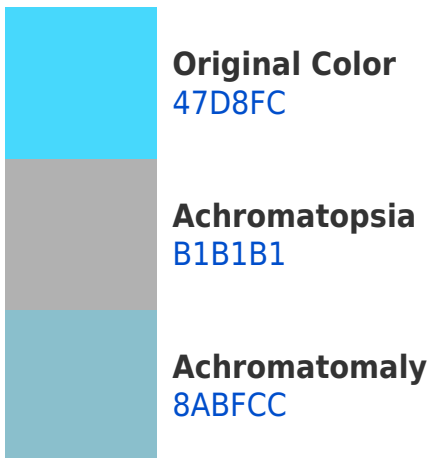




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47D8FC 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 #47D8FC looks like.

```
.text, #text, p{  
    color:#47D8FC  
}
```

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 #47D8FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47D8FC
}
```

Border

The CSS property to change the border of an element to Hex 47D8FC 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
#47D8FC }
```

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

```
.border{ border-color:#47D8FC }
```

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

Here you see how a box with a 4 pixel #47D8FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47D8FC; -webkit-box-shadow:4px 4px  
4px 4px #47D8FC; box-shadow:4px 4px 4px  
4px #47D8FC }
```

Background

The CSS property to change the background color of an element to Hex 47D8FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47D8FC }
```

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

```
.background{ background-color:#47D8FC }
```

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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