

Converting Colors

Hex(47D5F8)

Have a look what the booklet for
Hex(47D5F8) contains.

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Color

Hex(47D5F8)

Conversions

Conversions Part 1

Format	Color
Hex	47D5F8
RGB	71, 213, 248
RGB Percent	28%, 84%, 97%
CMY	0.7216, 0.1647, 0.0275
CMYK	0.71, 0.14, 0.00, 0.03
HSL	192°, 93%, 63%
HSV	192°, 71%, 97%
XYZ	43.3361, 55.7054, 97.2751
YIQ	174.5320, -95.8670, -19.2190

Conversions

Conversions Part 2

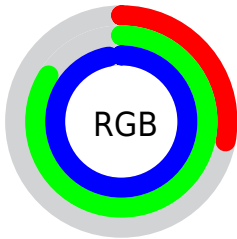
Format	Color
RYB	71, 150, 248
Decimal	4707832
CIELab	79.45, -26.57, -28.06
CIElCh	79, 38.645, 226.564
Yxy	55.7054, 0.2207, 0.2838
Android (android.graphics.Color)	4282897912 (0xFF47D5F8)
YUV	174.5320, 36.2197, -90.7976
Hunter-Lab	74.6361, -26.9703, -25.0290

Details

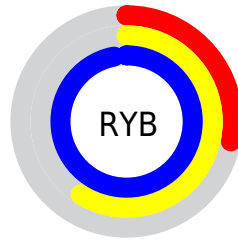
The Hex color **47D5F8** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F86A47**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **8DFFFF**, and **009EC0** is the 20% darker color. If you saturate the color by 10%, you get **2ED0F8**, and if you desaturate by 10%, it is **60DAF8**.

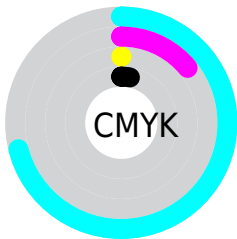
Distribution



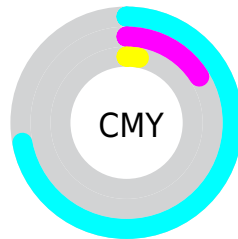
- Red (28%)
- Green (84%)
- Blue (97%)



- Red (28%)
- Yellow (59%)
- Blue (97%)



- Cyan (71%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (72%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47D5F8 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 47D5F8 by changing the saturation by 10% instead.

 47D5F8

 47D5F8

FFFFFF

 0AB9DB

 8DFFFF

 009EC0

 ACFFFF

 0084A4

 CCFFFF

 006A8A

 EBFFFF

 005270

 003A58

 002540

 00032A

 000115

■ 47D5F8

■ 47D5F8

■ 2ED0F8

■ 60DAF8

■ 15CBF8

■ 79DFF8

■ 00C7F8

■ 91E4F8

■ AAE9F8

■ C3EEF8

■ DCF2F8

■ F5F7F8

■ FFFCF8

■ FFFFF8

Harmonies

Analogous

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



4AD8D8



47D5F8



78CDFE

Triad

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



47D5F8



FFABD7



C9C97F

Complementary

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



47D5F8



F86A47

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.



ECBD7F



47D5F8



FFAAB2

Square

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



47D5F8



E2B4F7



FFB192



A0D292

Rectangle

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



47D5F8



9FC6FF



FFB192



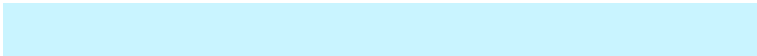
D5C57D

Sweetspot

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



47D5F8



C9F4FF



47F867



607980



000000



808080

Same Dimension

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



47D5F8



24D4FF



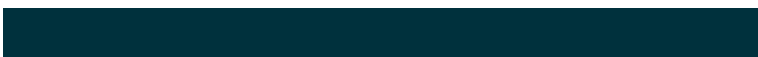
477FF8



707A7D



0097BD



00313D

Inverse Universe

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



F847D5



FF24D4



F8C047



7D707A



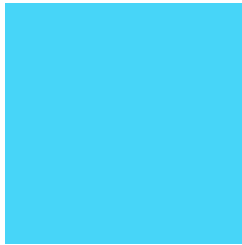
BD0097



3D0031

Previews

White Background



This preview shows how the Hex color 47D5F8 looks on a white background.

Color Contrast Check

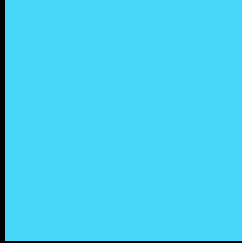
Large Text (above 18pt) WCAG AA × Fail

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 47D5F8 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 47D5F8 Background



This preview shows how black text looks on a background with the Hex color 47D5F8.



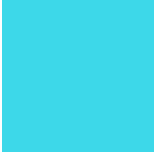
This preview shows how white text looks on a background with the Hex color 47D5F8.

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](#).

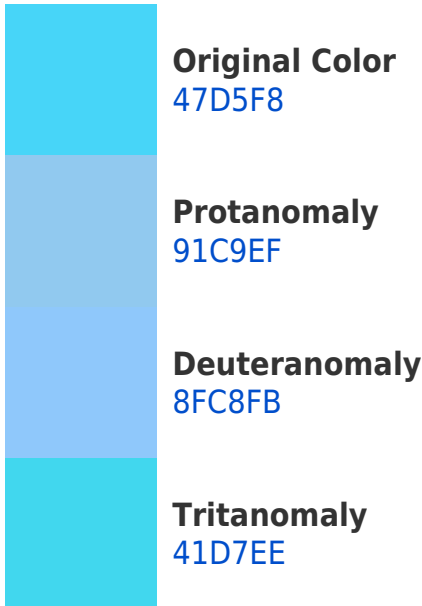
Dichromacy



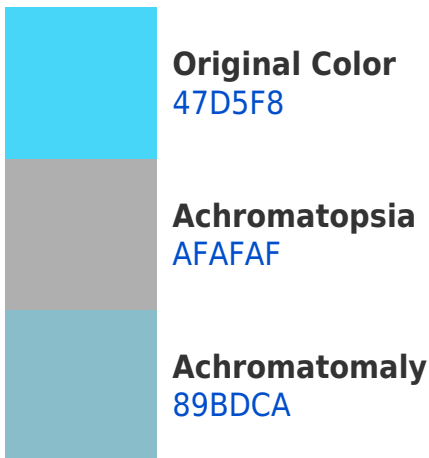


Tritanopia
3DD8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47D5F8 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 #47D5F8 looks like.

```
.text, #text, p{  
    color:#47D5F8  
}
```

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 #47D5F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47D5F8
}
```

Border

The CSS property to change the border of an element to Hex 47D5F8 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
#47D5F8 }
```

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

```
.border{ border-color:#47D5F8 }
```

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

Here you see how a box with a 4 pixel #47D5F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47D5F8; -webkit-box-shadow:4px 4px  
4px 4px #47D5F8; box-shadow:4px 4px 4px  
4px #47D5F8 }
```

Background

The CSS property to change the background color of an element to Hex 47D5F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47D5F8 }
```

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

```
.background{ background-color:#47D5F8 }
```

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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