

Converting Colors

Hex(47B4F7)

Have a look what the booklet for
Hex(47B4F7) contains.

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Color

Hex(47B4F7)

Conversions

Conversions Part 1

Format	Color
Hex	47B4F7
RGB	71, 180, 247
RGB Percent	28%, 71%, 97%
CMY	0.7216, 0.2941, 0.0314
CMYK	0.71, 0.27, 0.00, 0.03
HSL	203°, 92%, 62%
HSV	203°, 71%, 97%
XYZ	35.7083, 40.6975, 93.9691
YIQ	155.0470, -86.4710, -2.2710

Conversions

Conversions Part 2

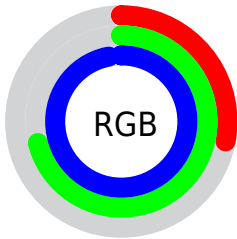
Format	Color
R _Y B	71, 138, 247
Decimal	4699383
CIE Lab	69.96, -9.75, -42.20
CIE LCh	70, 43.315, 256.994
Yxy	40.6975, 0.2096, 0.2389
Android (android.graphics.Color)	4282889463 (0xFF47B4F7)
YUV	155.0470, 45.3328, -73.7092
Hunter-Lab	63.7946, -11.7272, -42.6776

Details

The Hex color **47B4F7** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **F78A47**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8BECFF**, and **007FBE** is the 20% darker color. If you saturate the color by 10%, you get **2EABF7**, and if you desaturate by 10%, it is **60BDF7**.

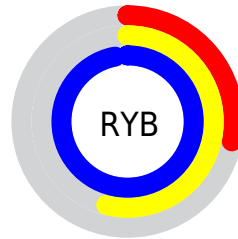
Distribution



Red (28%)

Green (71%)

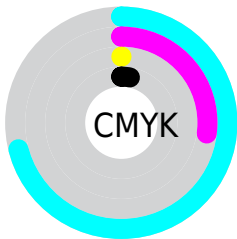
Blue (97%)



Red (28%)

Yellow (54%)

Blue (97%)

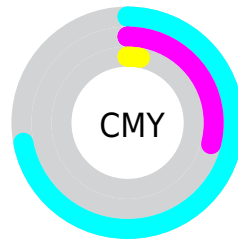


Cyan (71%)

Magenta (27%)

Yellow (0%)

Black (3%)



Cyan (72%)

Magenta (29%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Hex color 47B4F7 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 47B4F7 by changing the saturation by 10% instead.

 47B4F7

 47B4F7

FFFFFF

 1299DA

 8BECFF

 007FBE

 AAFFFF

 0067A3

 C9FFFF

 004F88


 E8FFFF

 00386F

 002356

 00063E

 000328

 000111

■ 47B4F7

■ 47B4F7

■ 2EABF7

■ 60BDF7

■ 16A1F7

■ 78C7F7

■ 0099F7

■ 91D0F7

■ AADAF7

■ C3E3F7

■ DBECF7

■ F4F6F7

■ FFFFF7

Harmonies

Analogous

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



00BCE3



47B4F7



94A7F6

Triad

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



47B4F7



F78C96



81B974

Complementary

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



47B4F7



F78A47

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.



AEB05E



47B4F7



ED9573

Square

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



47B4F7



EC8DBE



D3A35E



49BE98

Rectangle

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



47B4F7



BB9DEA



D3A35E



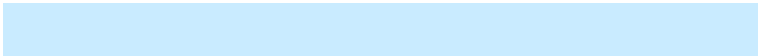
91B66A

Sweetspot

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



47B4F7



C9EBFF



47F788



607380



000000



808080

Same Dimension

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



47B4F7



24ACFF



475EF7



6E767A



0073BA



00243B

Inverse Universe

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



F747B4



FF24AC



F7E047



7A6E76



BA0073



3B0024

Previews

White Background



This preview shows how the Hex color 47B4F7 looks on a white background.

Color Contrast Check

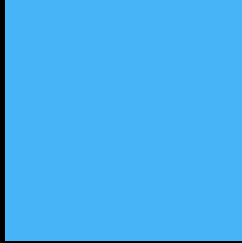
Large Text (above 18pt) WCAG AA × Fail

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 47B4F7 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

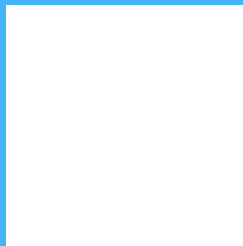
Any Text WCAG AAA ✓ Pass

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

Hex 47B4F7 Background



This preview shows how black text looks on a background with the Hex color 47B4F7.

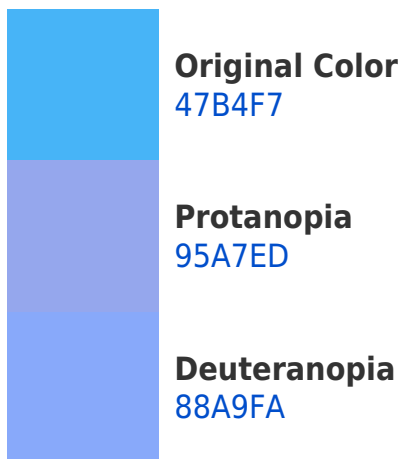


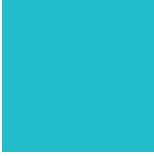
This preview shows how white text looks on a background with the Hex color 47B4F7.

Color Blindness Simulation

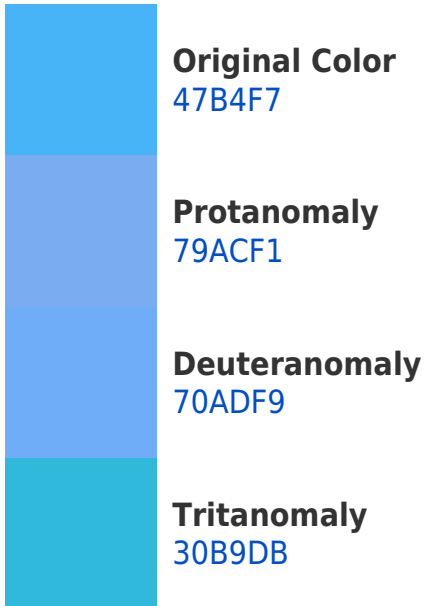
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

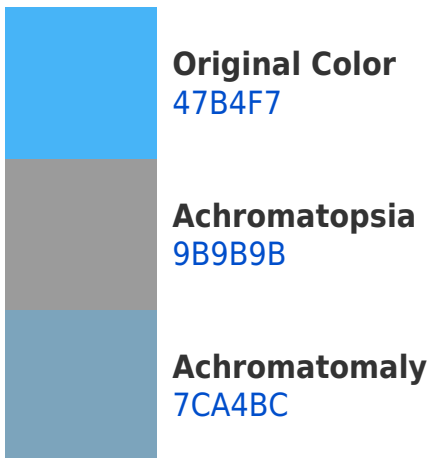




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47B4F7 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 #47B4F7 looks like.

```
.text, #text, p{  
    color:#47B4F7  
}
```

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 #47B4F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47B4F7
}
```

Border

The CSS property to change the border of an element to Hex 47B4F7 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
#47B4F7 }
```

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

```
.border{ border-color:#47B4F7 }
```

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

Here you see how a box with a 4 pixel #47B4F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47B4F7; -webkit-box-shadow:4px 4px  
4px 4px #47B4F7; box-shadow:4px 4px 4px  
4px #47B4F7 }
```

Background

The CSS property to change the background color of an element to Hex 47B4F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47B4F7 }
```

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

```
.background{ background-color:#47B4F7 }
```

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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