

Converting Colors

Hex(47BCF4)

Have a look what the booklet for
Hex(47BCF4) contains.

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Color

Hex(47BCF4)

Conversions

Conversions Part 1

Format	Color
Hex	47BCF4
RGB	71, 188, 244
RGB Percent	28%, 74%, 96%
CMY	0.7216, 0.2627, 0.0431
CMYK	0.71, 0.23, 0.00, 0.04
HSL	199°, 89%, 62%
HSV	199°, 71%, 96%
XYZ	36.9109, 43.8377, 92.1041
YIQ	159.4010, -87.7080, -7.3880

Conversions

Conversions Part 2

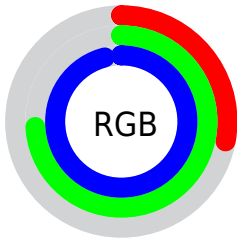
Format	Color
RYB	71, 141, 244
Decimal	4701428
CIELab	72.12, -15.04, -37.22
CIELCh	72, 40.141, 247.999
Yxy	43.8377, 0.2135, 0.2536
Android (android.graphics.Color)	4282891508 (0xFF47BCF4)
YUV	159.4010, 41.7073, -77.5277
Hunter-Lab	66.2100, -16.3571, -36.1307

Details

The Hex color **47BCF4** 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 **F47F47**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8BF4FF**, and **0087BC** is the 20% darker color. If you saturate the color by 10%, you get **2FB4F4**, and if you desaturate by 10%, it is **5FC4F4**.

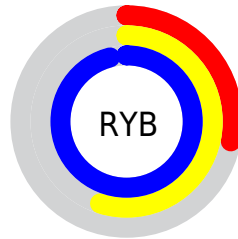
Distribution



Red (28%)

Green (74%)

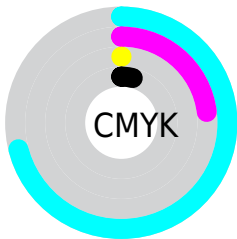
Blue (96%)



Red (28%)

Yellow (55%)

Blue (96%)

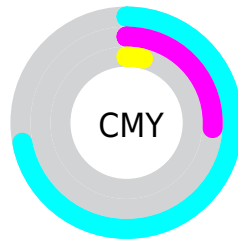


Cyan (71%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (72%)

Magenta (26%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47BCF4 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 47BCF4 by changing the saturation by 10% instead.

 47BCF4

 47BCF4

FFFFFF

 12A1D7

 8BF4FF

 0087BC

 AAFFFF

 006DA0

 C9FFFF

 005586


 E8FFFF

 003E6C

 002854

 00123C

 000326

 00010F

 47BCF4

 47BCF4

 2FB4F4

 5FC4F4

 16ACF4

 78CCF4

 00A5F4

 90D4F4

 A9DCF4

 C1E3F4

 D9EBF4

 F2F3F4

 FFFBF4

 FFFFF4

Harmonies

Analogous

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



00C2DD



47BCF4



8BB1F9

Triad

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



47BCF4



F794A8



97BC76

Complementary

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



47BCF4



F47F47

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.



BFB267



47BCF4



F49985

Square

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



47BCF4



E798CD



DFA56D



6AC294

Rectangle

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



47BCF4



B1A8F2



DFA56D



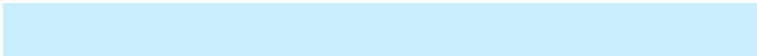
A5B96F

Sweetspot

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



47BCF4



C9EEFF



47F47E



607580



000000



808080

Same Dimension

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



47BCF4



26B9FF



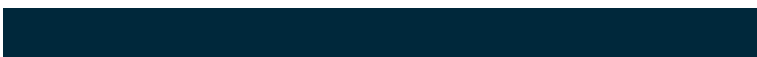
4767F4



6E767A



007EBA



00283B

Inverse Universe

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



F447BC



FF26B9



F4D447



7A6E76



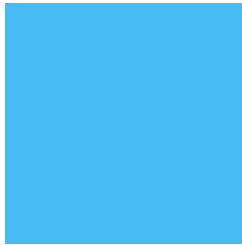
BA007E



3B0028

Previews

White Background



This preview shows how the Hex color 47BCF4 looks on a white background.

Color Contrast Check

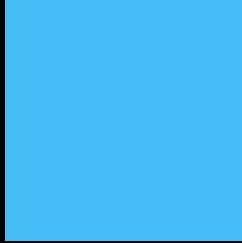
Large Text (above 18pt) WCAG AA × Fail

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 47BCF4 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

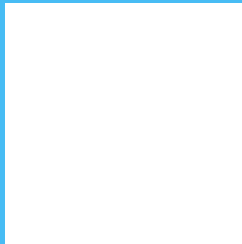
Any Text WCAG AAA ✓ Pass

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

Hex 47BCF4 Background



This preview shows how black text looks on a background with the Hex color 47BCF4.

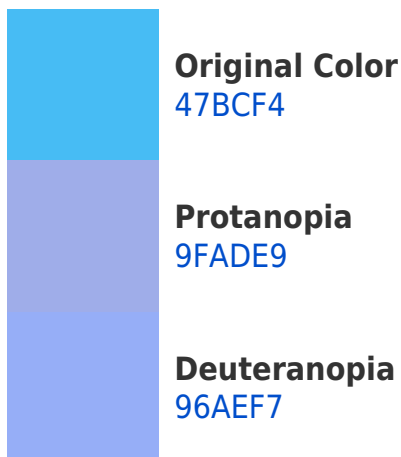


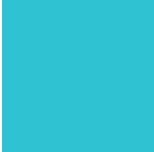
This preview shows how white text looks on a background with the Hex color 47BCF4.

Color Blindness Simulation

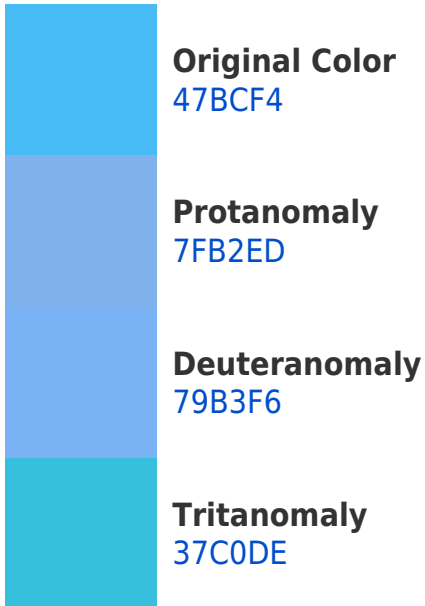
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

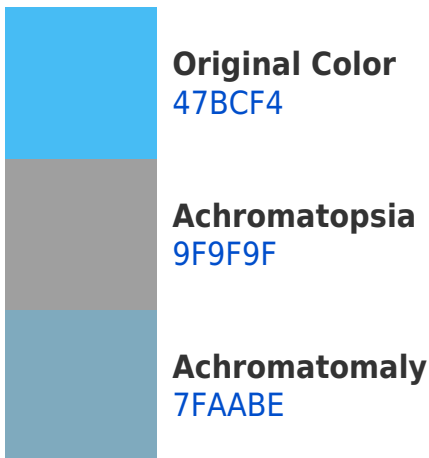




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47BCF4 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 #47BCF4 looks like.

```
.text, #text, p{  
    color:#47BCF4  
}
```

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 #47BCF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47BCF4
}
```

Border

The CSS property to change the border of an element to Hex 47BCF4 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
#47BCF4 }
```

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

```
.border{ border-color:#47BCF4 }
```

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

Here you see how a box with a 4 pixel #47BCF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47BCF4; -webkit-box-shadow:4px 4px  
4px 4px #47BCF4; box-shadow:4px 4px 4px  
4px #47BCF4 }
```

Background

The CSS property to change the background color of an element to Hex 47BCF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47BCF4 }
```

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

```
.background{ background-color:#47BCF4 }
```

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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