

Converting Colors

Hex(48AFE7)

Have a look what the booklet for
Hex(48AFE7) contains.

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Color

Hex(48AFE7)

Conversions

Conversions Part 1

Format	Color
Hex	48AFE7
RGB	72, 175, 231
RGB Percent	28%, 69%, 91%
CMY	0.7176, 0.3137, 0.0941
CMYK	0.69, 0.24, 0.00, 0.09
HSL	201°, 77%, 59%
HSV	201°, 69%, 91%
XYZ	32.4263, 37.8072, 81.1898
YIQ	150.5870, -79.3640, -4.4200

Conversions

Conversions Part 2

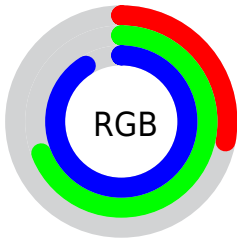
Format	Color
RYB	72, 135, 231
Decimal	4763623
CIELab	67.88, -12.17, -36.74
CIELCh	68, 38.707, 251.673
Yxy	37.8072, 0.2141, 0.2497
Android (android.graphics.Color)	4282953703 (0xFF48AFE7)
YUV	150.5870, 39.6436, -68.9208
Hunter-Lab	61.4875, -13.4689, -35.2468

Details

The Hex color **48AFE7** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **E78048**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **89E6FF**, and **007BAF** is the 20% darker color. If you saturate the color by 10%, you get **31A7E7**, and if you desaturate by 10%, it is **5FB7E7**.

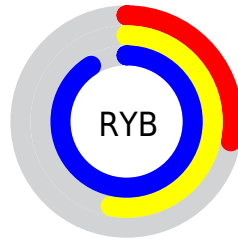
Distribution



Red (28%)

Green (69%)

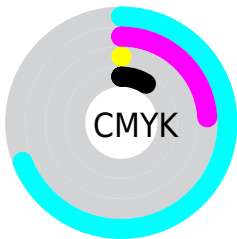
Blue (91%)



Red (28%)

Yellow (53%)

Blue (91%)

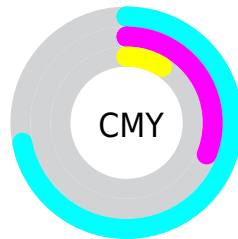


Cyan (69%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (72%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48AFE7 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 48AFE7 by changing the saturation by 10% instead.

 48AFE7

 48AFE7

FFFFFF

 1B94CB

 89E6FF

 007BAF

 A7FFFF

 006294

 C6FFFF

 004A7A

 E4FFFF

 003461

 001F49

 000432

 00021C

 000000

■ 48AFE7

■ 48AFE7

■ 31A7E7

■ 5FB7E7

■ 1A9FE7

■ 76BFE7

■ 0397E7

■ 8DC7E7

■ 0096E7

■ A4D0E7

■ BBD8E7

■ D3E0E7

■ EAE8E7

■ FFF0E7

■ FFF8E7

Harmonies

Analogous

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



00B6D3



48AFE7



88A4EA

Triad

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



48AFE7



E98A99



88B170

Complementary

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



48AFE7



E78048

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.



AFA860



48AFE7



E39079

Square

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



48AFE7



DC8DBC



CE9C63



5BB68E

Rectangle

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



48AFE7



AC9CE1



CE9C63



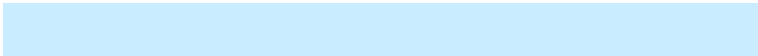
96AE69

Sweetspot

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



48AFE7



C9ECFF



48E780



607480



000000



808080

Same Dimension

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



48AFE7



2BB4FF



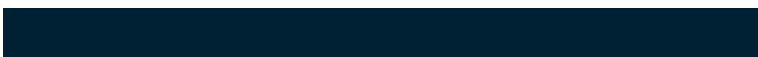
4860E7



676F73



0074B3



002133

Inverse Universe

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



E748AF



FF2BB4



E7CF48



73676F



B30074



330021

Previews

White Background



This preview shows how the Hex color 48AFE7 looks on a white background.

Color Contrast Check

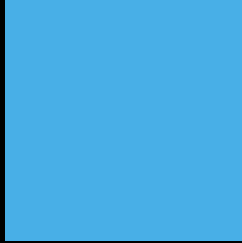
Large Text (above 18pt) WCAG AA × Fail

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 48AFE7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

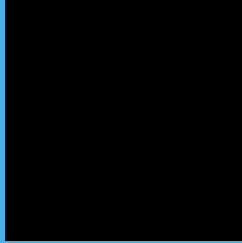
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

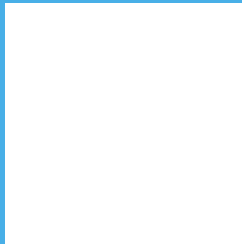
Any Text WCAG AAA ✓ Pass

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

Hex 48AFE7 Background



This preview shows how black text looks on a background with the Hex color 48AFE7.

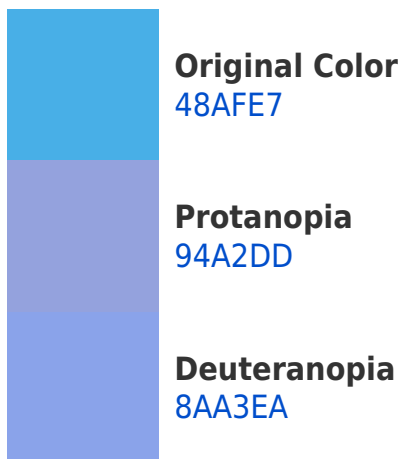


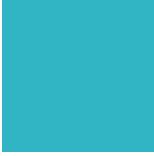
This preview shows how white text looks on a background with the Hex color 48AFE7.

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](#).

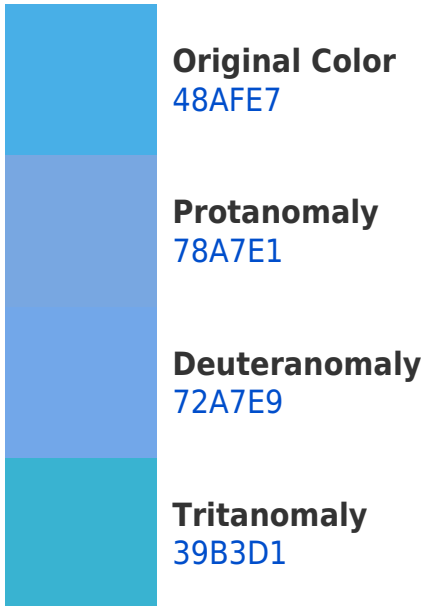
Dichromacy



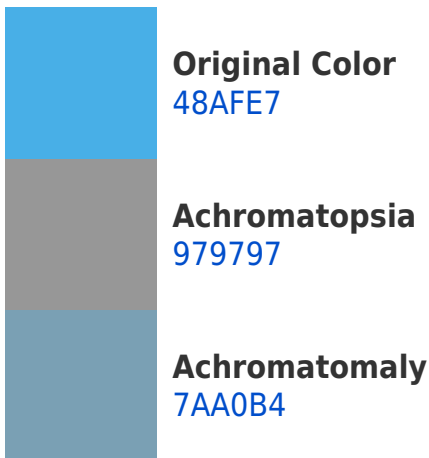


Tritanopia
31B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48AFE7 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 #48AFE7 looks like.

```
.text, #text, p{  
    color:#48AFE7  
}
```

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 #48AFE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48AFE7
}
```

Border

The CSS property to change the border of an element to Hex 48AFE7 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
#48AFE7 }
```

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

```
.border{ border-color:#48AFE7 }
```

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

Here you see how a box with a 4 pixel #48AFE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48AFE7; -webkit-box-shadow:4px 4px  
4px 4px #48AFE7; box-shadow:4px 4px 4px  
4px #48AFE7 }
```

Background

The CSS property to change the background color of an element to Hex 48AFE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48AFE7 }
```

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

```
.background{ background-color:#48AFE7 }
```

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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