

Converting Colors

Hex(48AEFA)

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

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Color

Hex(48AEFA)

Conversions

Conversions Part 1

Format	Color
Hex	48AEFA
RGB	72, 174, 250
RGB Percent	28%, 68%, 98%
CMY	0.7176, 0.3176, 0.0196
CMYK	0.71, 0.30, 0.00, 0.02
HSL	206°, 95%, 63%
HSV	206°, 71%, 98%
XYZ	35.0639, 38.5519, 96.0357
YIQ	152.1660, -85.1880, 2.0120

Conversions

Conversions Part 2

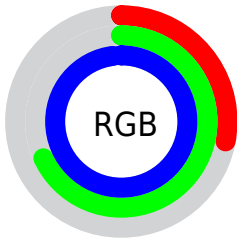
Format	Color
RYB	72, 137, 250
Decimal	4763386
CIELab	68.43, -5.30, -46.24
CIELCh	68, 46.544, 263.458
Yxy	38.5519, 0.2067, 0.2272
Android (android.graphics.Color)	4282953466 (0xFF48AEFA)
YUV	152.1660, 48.2322, -70.3056
Hunter-Lab	62.0902, -7.8546, -48.2414

Details

The Hex color **48AEFA** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **FA9448**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **8CE5FF**, and **007AC1** is the 20% darker color. If you saturate the color by 10%, you get **2FA3FA**, and if you desaturate by 10%, it is **61B9FA**.

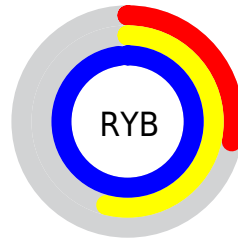
Distribution



Red (28%)

Green (68%)

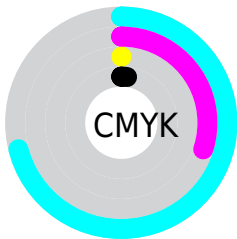
Blue (98%)



Red (28%)

Yellow (54%)

Blue (98%)

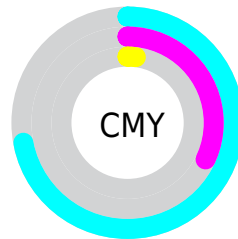


Cyan (71%)

Magenta (30%)

Yellow (0%)

Black (2%)



Cyan (72%)

Magenta (32%)

Yellow (2%)

Brightness & Saturation Gradients

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

 48AEFA

 48AEFA

FFFFFF

 1494DD

 8CE5FF

 007AC1

 ABFFFF

 0061A6

 CAFFFF

 004A8B

 E9FFFF

 003471

 002058

 000740

 000329

 000113

■ 48AEFA

■ 48AEFA

■ 2FA3FA

■ 61B9FA

■ 1699FA

■ 7AC3FA

■ 008FFA

■ 93CEFA

■ ACD9FA

■ C5E3FA

■ DEEEFA

■ F7F9FA

■ FFFFFA

Harmonies

Analogous

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



00B8E9



48AEFA



9C9FF4

Triad

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



48AEFA



F68688



6DB773

Complementary

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



48AEFA



FA9448

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.



9FAE57



48AEFA



E79265

Square

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



48AEFA



F085B2



C9A152



19BC9C

Rectangle

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



48AEFA



C395E4



C9A152



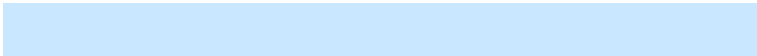
7FB568

Sweetspot

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



48AEFA



C9E8FF



48FA92



607280



000000



808080

Same Dimension

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



48AEFA



26A2FF



4857FA



70787D



006CBD



00233D

Inverse Universe

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



FA48AE



FF26A2



FAEB48



7D7078



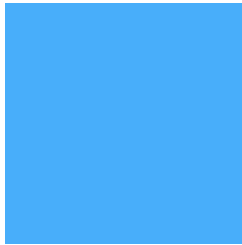
BD006C



3D0023

Previews

White Background



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

Color Contrast Check

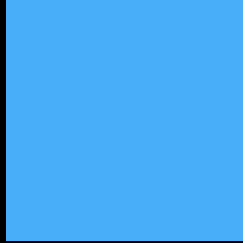
Large Text (above 18pt) WCAG AA × Fail

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 48AEFA 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

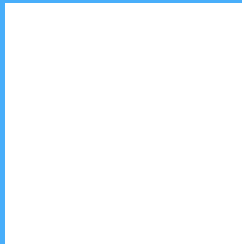
Any Text WCAG AAA ✓ Pass

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

Hex 48AEFA Background



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

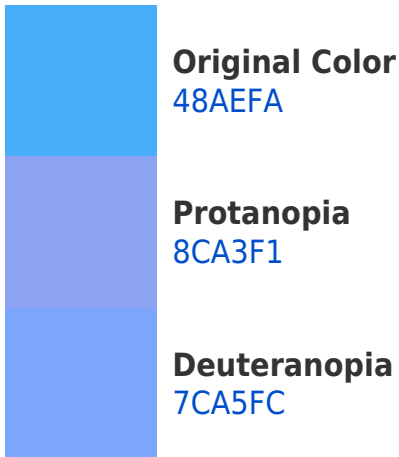


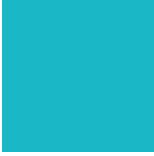
This preview shows how white text looks on a background with the Hex color 48AEFA.

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](#).

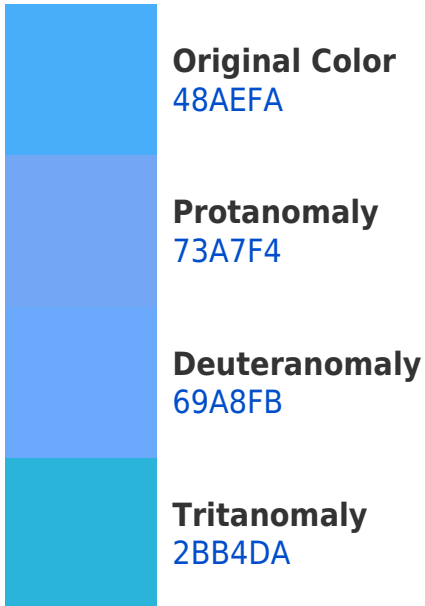
Dichromacy



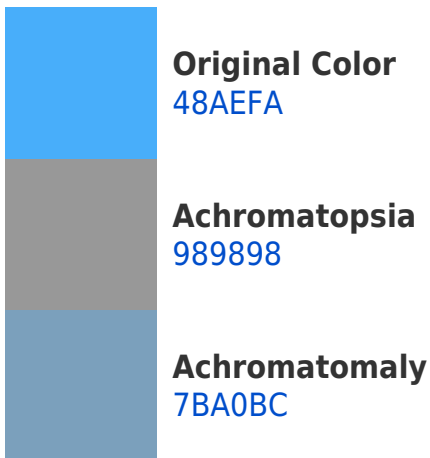


Tritanopia
1AB8C7

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #48AEFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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