

Converting Colors

Hex(48BFEC)

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

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Color

Hex(48BFEC)

Conversions

Conversions Part 1

Format	Color
Hex	48BFEC
RGB	72, 191, 236
RGB Percent	28%, 75%, 93%
CMY	0.7176, 0.2510, 0.0745
CMYK	0.69, 0.19, 0.00, 0.07
HSL	196°, 81%, 60%
HSV	196°, 69%, 93%
XYZ	36.4436, 44.6954, 86.0632
YIQ	160.5490, -85.3690, -11.2330

Conversions

Conversions Part 2

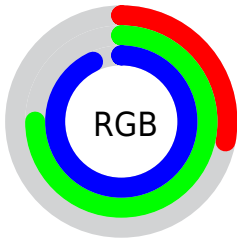
Format	Color
RYB	72, 141, 236
Decimal	4767724
CIELab	72.69, -19.05, -32.00
CIELCh	73, 37.242, 239.244
Yxy	44.6954, 0.2180, 0.2673
Android (android.graphics.Color)	4282957804 (0xFF48BFEC)
YUV	160.5490, 37.1973, -77.6575
Hunter-Lab	66.8547, -19.6923, -29.5268

Details

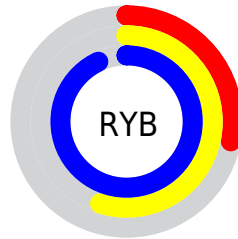
The Hex color **48BFEC** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **EC7548**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8AF7FF**, and **0089B4** is the 20% darker color. If you saturate the color by 10%, you get **30B9EC**, and if you desaturate by 10%, it is **60C5EC**.

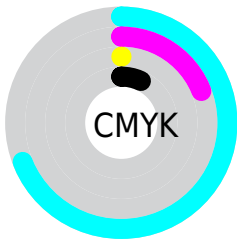
Distribution



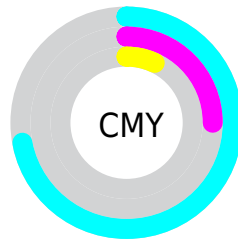
- Red (28%)
- Green (75%)
- Blue (93%)



- Red (28%)
- Yellow (55%)
- Blue (93%)



- Cyan (69%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (72%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

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

■ 48BFEC

FFFFFF

■ 8AF7FF

■ A9FFFF

■ C8FFFF

■ E7FFFF

■ 48BFEC

■ 17A4D0

■ 0089B4

■ 007099

■ 00577F

■ 004066

■ 002A4D

■ 001436

■ 000221

■ 000005

 48BFEC

 48BFEC

 30B9EC

 60C5EC

 19B2EC

 77CCEC

 01ACEC

 8FD2EC

 00ABEC

 A6D9EC

 BEDFEC

 D6E6EC

 EDECEC

 FFF3EC

 FFF9EC

Harmonies

Analogous

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



2EC4D2



48BFEC



81B6F6

Triad

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



48BFEC



F298B5



A6BA76

Complementary

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



48BFEC



EC7548

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.



CAB06E



48BFEC



F49B93

Square

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



48BFEC



DD9ED6



E5A479



7EC18E

Rectangle

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



48BFEC



A5AEF2



E5A479



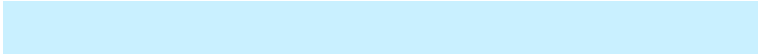
B3B771

Sweetspot

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



48BFEC



C9F0FF



48EC74



607780



000000



808080

Same Dimension

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



48BFEC



2BC5FF



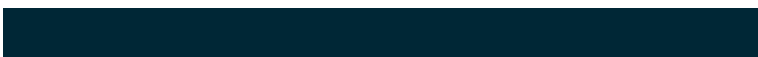
486EEC



6A7275



0083B5



002736

Inverse Universe

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



EC48BF



FF2BC5



ECC648



756A72



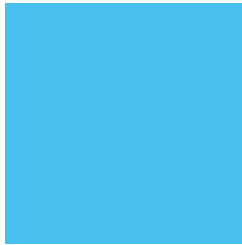
B50083



360027

Previews

White Background



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

Color Contrast Check

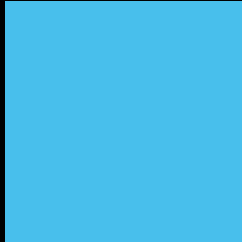
Large Text (above 18pt) WCAG AA × Fail

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 48BFEC 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

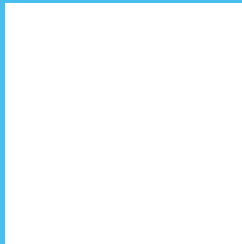
Any Text WCAG AAA ✓ Pass

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

Hex 48BFEC Background



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

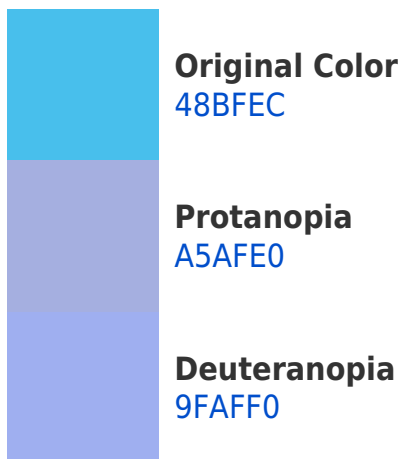


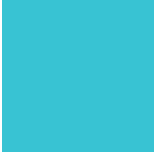
This preview shows how white text looks on a background with the Hex color 48BFEC.

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](#).

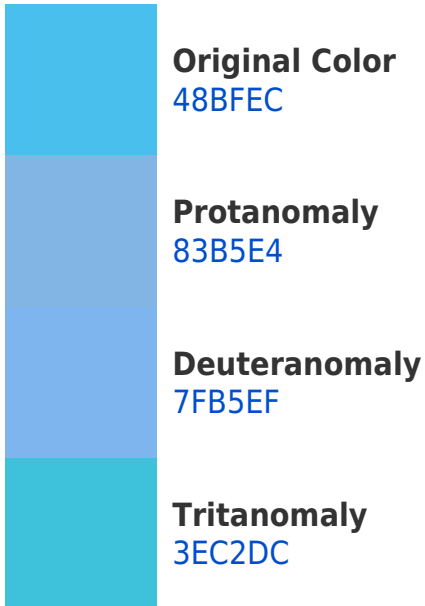
Dichromacy



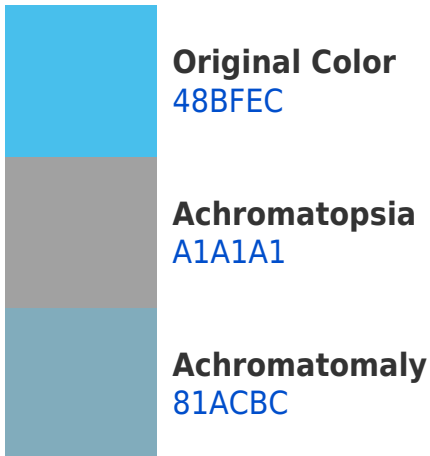


Tritanopia
38C3D3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #48BFEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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