

Converting Colors

Hex(48CFE7)

Have a look what the booklet for
Hex(48CFE7) contains.

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Color

Hex(48CFE7)

Conversions

Conversions Part 1

Format	Color
Hex	48CFE7
RGB	72, 207, 231
RGB Percent	28%, 81%, 91%
CMY	0.7176, 0.1882, 0.0941
CMYK	0.69, 0.10, 0.00, 0.09
HSL	189°, 77%, 59%
HSV	189°, 69%, 91%
XYZ	39.4091, 51.7729, 83.5174
YIQ	169.3710, -88.1640, -21.1560

Conversions

Conversions Part 2

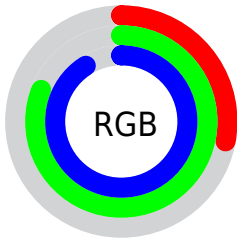
Format	Color
RYB	72, 145, 231
Decimal	4771815
CIELab	77.14, -28.65, -22.48
CIELCh	77, 36.416, 218.127
Yxy	51.7729, 0.2256, 0.2964
Android (android.graphics.Color)	4282961895 (0xFF48CFE7)
YUV	169.3710, 30.3831, -85.3944
Hunter-Lab	71.9534, -28.1533, -18.4515

Details

The Hex color **48CFE7** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E76048**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **8BFFFF**, and **0098AF** is the 20% darker color. If you saturate the color by 10%, you get **31CCE7**, and if you desaturate by 10%, it is **5FD2E7**.

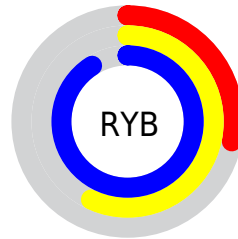
Distribution



Red (28%)

Green (81%)

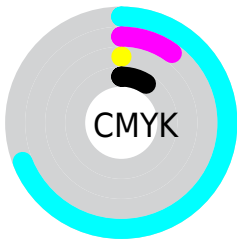
Blue (91%)



Red (28%)

Yellow (57%)

Blue (91%)

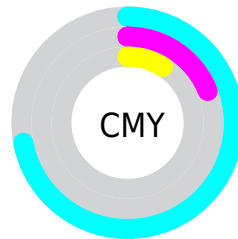


Cyan (69%)

Magenta (10%)

Yellow (0%)

Black (9%)



Cyan (72%)

Magenta (19%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48CFE7 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 48CFE7 by changing the saturation by 10% instead.

 48CFE7

 48CFE7

FFFFFF

 16B3CB

 8BFFFF

 0098AF

 AAFFFF

 007E95

 C9FFFF

 00657B

 E8FFFF

 004C62

 00354A

 002233

 00021E

 000001

■ 48CFE7

■ 48CFE7

■ 31CCE7

■ 5FD2E7

■ 1AC8E7

■ 76D6E7

■ 03C5E7

■ 8DD9E7

■ 00C4E7

■ A4DDE7

■ BBE0E7

■ D3E4E7

■ EAE7E7

■ FFEBE7

■ FFEEE7

Harmonies

Analogous

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



58D1C7



48CFE7



6AC9FC

Triad

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



48CFE7



F1A8D8



CCBF7B

Complementary

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



48CFE7



E76048

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.



EBB481



48CFE7



FFA5B6

Square

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



48CFE7



CFB2F4



FDAA96



A8C988

Rectangle

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



48CFE7



8DC2FF



FDAA96



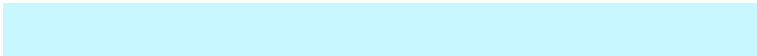
D7BC7B

Sweetspot

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



48CFE7



C9F7FF



48E760



607B80



000000



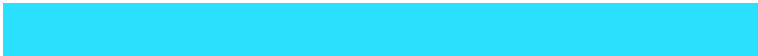
808080

Same Dimension

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



48CFE7



2BDFFF



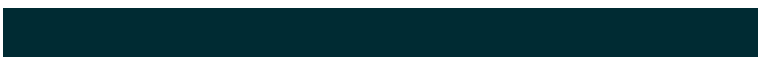
4880E7



677173



0098B3



002B33

Inverse Universe

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



E748CF



FF2BDF



E7AF48



736771



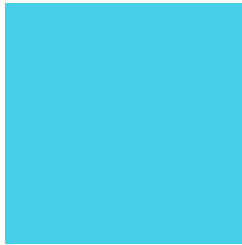
B30098



33002B

Previews

White Background



This preview shows how the Hex color 48CFE7 looks on a white background.

Color Contrast Check

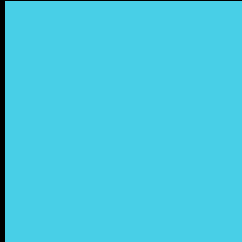
Large Text (above 18pt) WCAG AA × Fail

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 48CFE7 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 48CFE7 Background



This preview shows how black text looks on a background with the Hex color 48CFE7.

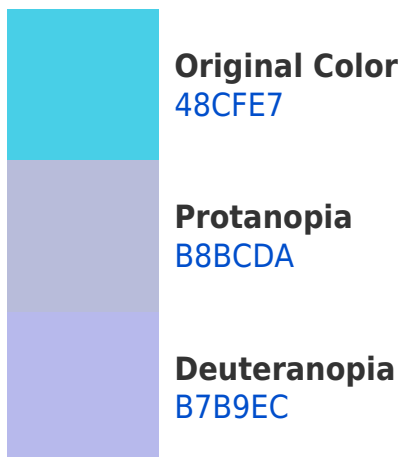


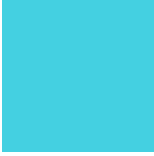
This preview shows how white text looks on a background with the Hex color 48CFE7.

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](#).

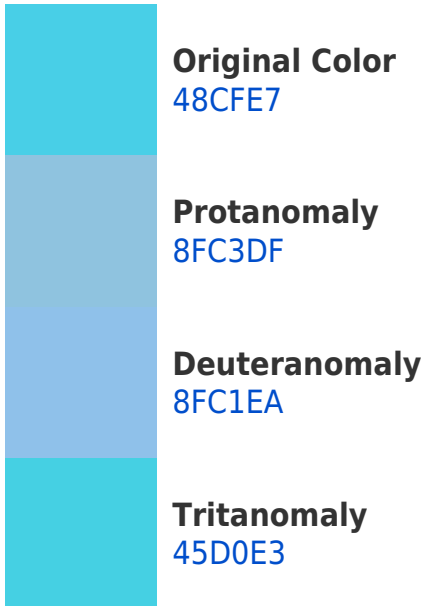
Dichromacy



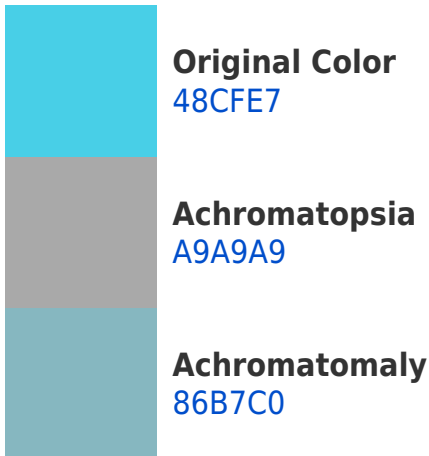


Tritanopia
44D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48CFE7 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 #48CFE7 looks like.

```
.text, #text, p{  
    color:#48CFE7  
}
```

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 #48CFE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48CFE7
}
```

Border

The CSS property to change the border of an element to Hex 48CFE7 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
#48CFE7 }
```

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

```
.border{ border-color:#48CFE7 }
```

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

Here you see how a box with a 4 pixel #48CFE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48CFE7; -webkit-box-shadow:4px 4px  
4px 4px #48CFE7; box-shadow:4px 4px 4px  
4px #48CFE7 }
```

Background

The CSS property to change the background color of an element to Hex 48CFE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48CFE7 }
```

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

```
.background{ background-color:#48CFE7 }
```

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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