

Converting Colors

Hex(48CFE0)

Have a look what the booklet for
Hex(48CFE0) contains.

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Color

Hex(48CFE0)

Conversions

Conversions Part 1

Format	Color
Hex	48CFE0
RGB	72, 207, 224
RGB Percent	28%, 81%, 88%
CMY	0.7176, 0.1882, 0.1216
CMYK	0.68, 0.08, 0.00, 0.12
HSL	187°, 71%, 58%
HSV	187°, 68%, 88%
XYZ	38.4399, 51.3852, 78.4133
YIQ	168.5730, -85.9170, -23.3330

Conversions

Conversions Part 2

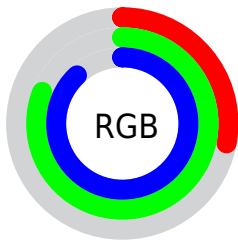
Format	Color
RYB	72, 143, 224
Decimal	4771808
CIELab	76.91, -30.72, -19.08
CIELCh	77, 36.164, 211.837
Yxy	51.3852, 0.2285, 0.3054
Android (android.graphics.Color)	4282961888 (0xFF48CFE0)
YUV	168.5730, 27.3255, -84.6945
Hunter-Lab	71.6835, -29.7264, -14.6779

Details

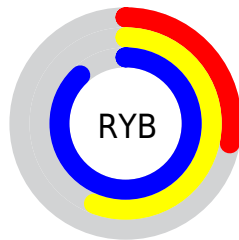
The Hex color **48CFE0** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E05948**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **8AFFFF**, and **0098A9** is the 20% darker color. If you saturate the color by 10%, you get **32CCE0**, and if you desaturate by 10%, it is **5ED2E0**.

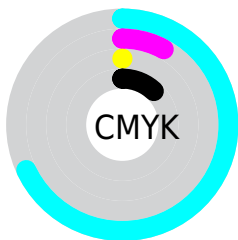
Distribution



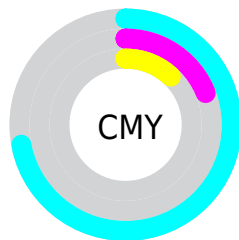
- Red (28%)
- Green (81%)
- Blue (88%)



- Red (28%)
- Yellow (56%)
- Blue (88%)



- Cyan (68%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (72%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48CFE0 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 48CFE0 by changing the saturation by 10% instead.

 48CFE0

 48CFE0

FFFFFF

 18B3C4

 8AFFFF

 0098A9

 A9FFFF

 007E8E

 C8FFFF

 006575

 E7FFFF

 004C5C

 003544

 00212E

 00011A

 000000

 48CFE0

 48CFE0

 32CCE0

 5ED2E0

 1BCAE0

 75D4E0

 05C7E0

 8BD7E0

 00C7E0

 A2D9E0

 B8DCE0

 CEDEE0

 E5E1E0

 FBE3E0

 FFE6E0

Harmonies

Analogous

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



60D0BF



48CFE0



60CAF8

Triad

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



48CFE0



EAAADE



D3BC7B

Complementary

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



48CFE0



E05948

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.



EFB184



48CFE0



FEA4BD

Square

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



48CFE0



C5B4F7



FEA89C



AFC684

Rectangle

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



48CFE0



82C4FF



FEA89C



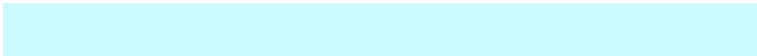
DDB97C

Sweetspot

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



48CFE0



CCF9FF



48E057



617C80



000000



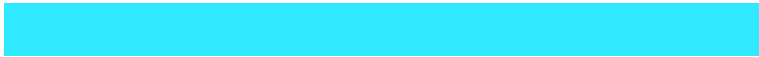
808080

Same Dimension

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



48CFE0



30E8FF



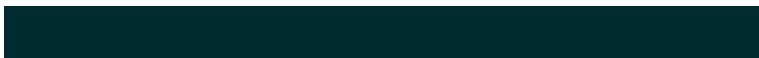
4885E0



656F70



009CB0



002B30

Inverse Universe

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



E048CF



FF30E8



E0A348



70656F



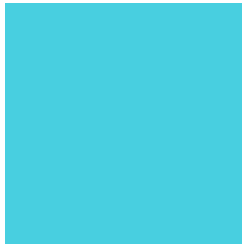
B0009C



30002B

Previews

White Background



This preview shows how the Hex color 48CFE0 looks on a white background.

Color Contrast Check

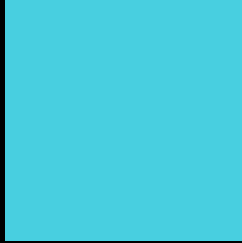
Large Text (above 18pt) WCAG AA × Fail

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 48CFE0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

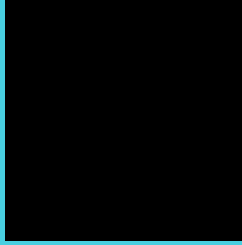
Any Text WCAG AA ✓ Pass

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 48CFE0 Background



This preview shows how black text looks on a background with the Hex color 48CFE0.



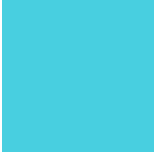
This preview shows how white text looks on a background with the Hex color 48CFE0.

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](#).

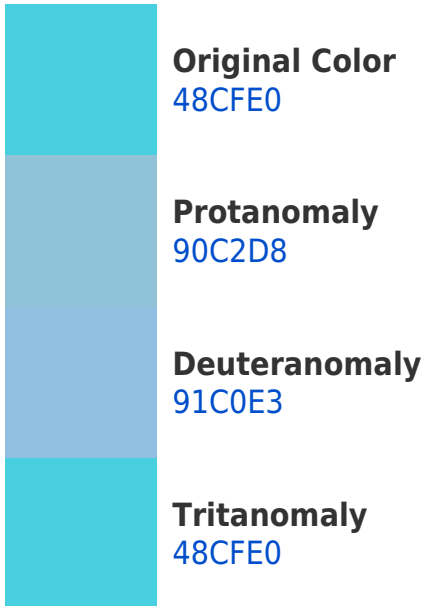
Dichromacy





Tritanopia
48CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48CFE0 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 #48CFE0 looks like.

```
.text, #text, p{  
    color:#48CFE0  
}
```

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 #48CFE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48CFE0
}
```

Border

The CSS property to change the border of an element to Hex 48CFE0 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
#48CFE0 }
```

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

```
.border{ border-color:#48CFE0 }
```

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

Here you see how a box with a 4 pixel #48CFE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48CFE0; -webkit-box-shadow:4px 4px  
4px 4px #48CFE0; box-shadow:4px 4px 4px  
4px #48CFE0 }
```

Background

The CSS property to change the background color of an element to Hex 48CFE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48CFE0 }
```

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

```
.background{ background-color:#48CFE0 }
```

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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