

Converting Colors

Hex(4EC0CF)

Have a look what the booklet for
Hex(4EC0CF) contains.

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Color

Hex(4EC0CF)

Conversions

Conversions Part 1

Format	Color
Hex	4EC0CF
RGB	78, 192, 207
RGB Percent	31%, 75%, 81%
CMY	0.6941, 0.2471, 0.1882
CMYK	0.62, 0.07, 0.00, 0.19
HSL	187°, 57%, 56%
HSV	187°, 62%, 81%
XYZ	33.2540, 43.8240, 65.7377
YIQ	159.6240, -72.7590, -19.5030

Conversions

Conversions Part 2

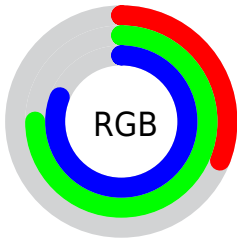
Format	Color
RYB	78, 139, 207
Decimal	5161167
CIELab	72.11, -27.47, -17.12
CIElCh	72, 32.366, 211.938
Yxy	43.8240, 0.2328, 0.3069
Android (android.graphics.Color)	4283351247 (0xFF4EC0CF)
YUV	159.6240, 23.3564, -71.5842
Hunter-Lab	66.1997, -26.1837, -12.5365

Details

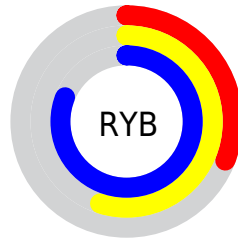
The Hex color **4EC0CF** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **CF5D4E**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8CF9FF**, and **008A99** is the 20% darker color. If you saturate the color by 10%, you get **39BECF**, and if you desaturate by 10%, it is **63C2CF**.

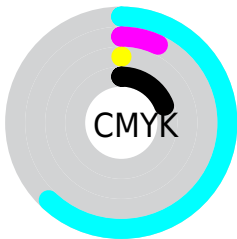
Distribution



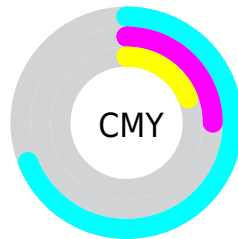
- Red (31%)
- Green (75%)
- Blue (81%)



- Red (31%)
- Yellow (55%)
- Blue (81%)



- Cyan (62%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (69%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EC0CF 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 4EC0CF by changing the saturation by 10% instead.

 4EC0CF

 4EC0CF

FFFFFF

 29A5B3

 8CF9FF

 008A99

 AAFFFF

 00707F

 C8FFFF

 005866

 E6FFFF

 00404E

 002937

 001022

 000009

 000000

 4EC0CF

 4EC0CF

 39BECF

 63C2CF

 25BBCF

 77C5CF

 10B9CF

 8CC7CF

 00B7CF

 A1CACF

 B6CCCF

 CACECF

 DFD1CF

 F4D3CF

 FFD6CF

Harmonies

Analogous

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



60C1B2



4EC0CF



62BBE4

Triad

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



4EC0CF



D89FCD



C3B075

Complementary

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



4EC0CF



CF5D4E

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.



DCA57D



4EC0CF



E99BB0

Square

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



4EC0CF



B7A8E3



EA9D93



A4B87E

Rectangle

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



4EC0CF



7DB6EB



EA9D93



CDAC76

Sweetspot

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



4EC0CF



CFF9FF



4ECF5B



627C80



000000



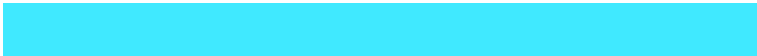
808080

Same Dimension

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



4EC0CF



40E9FF



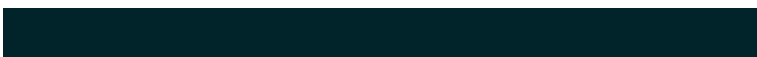
4E82CF



5E6769



0095A8



002429

Inverse Universe

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



CF4EC0



FF40E9



CF9B4E



695E67



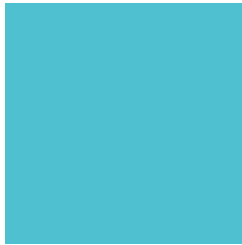
A80095



290024

Previews

White Background



This preview shows how the Hex color 4EC0CF looks on a white background.

Color Contrast Check

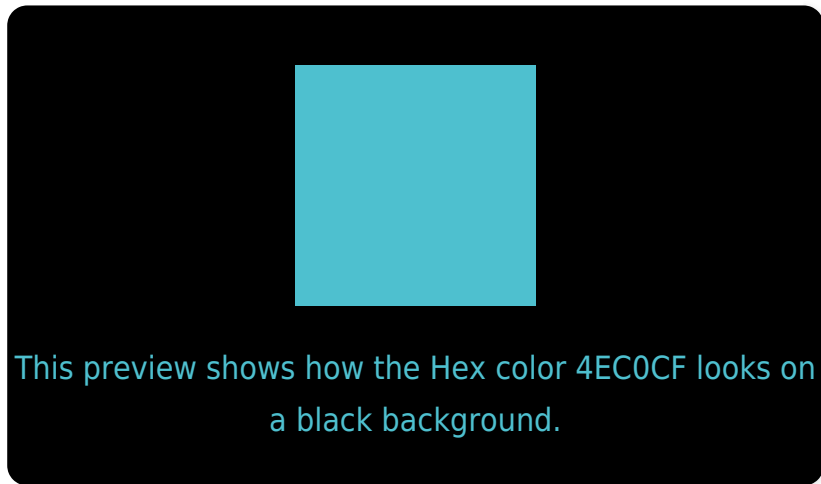
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

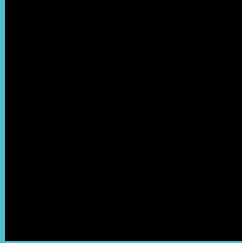
Any Text WCAG AA ✓ Pass

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 4EC0CF Background



This preview shows how black text looks on a background with the Hex color 4EC0CF.

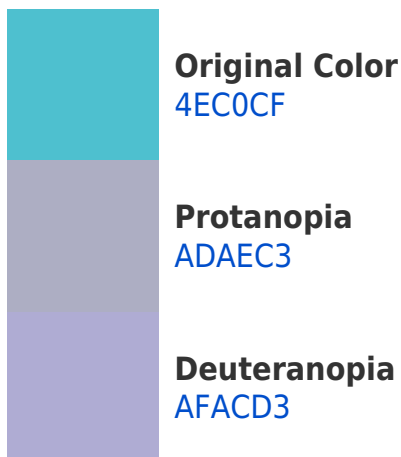


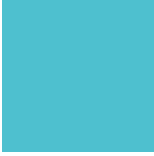
This preview shows how white text looks on a background with the Hex color 4EC0CF.

Color Blindness Simulation

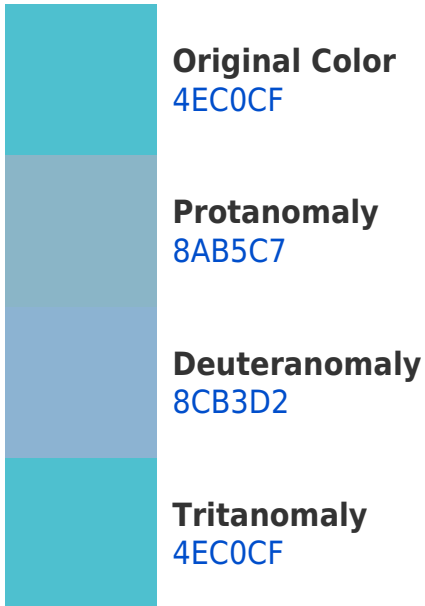
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

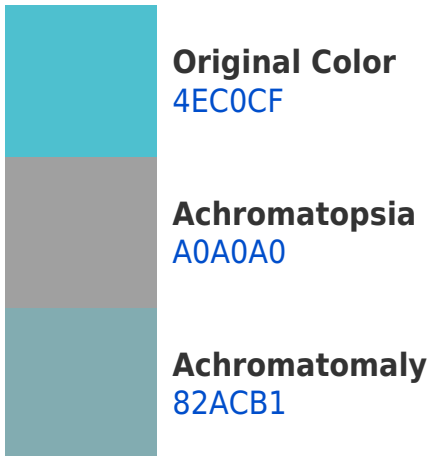




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EC0CF 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 #4EC0CF looks like.

```
.text, #text, p{  
    color:#4EC0CF  
}
```

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 #4EC0CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EC0CF
}
```

Border

The CSS property to change the border of an element to Hex 4EC0CF 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
#4EC0CF }
```

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

```
.border{ border-color:#4EC0CF }
```

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

Here you see how a box with a 4 pixel #4EC0CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EC0CF; -webkit-box-shadow:4px 4px  
4px 4px #4EC0CF; box-shadow:4px 4px 4px  
4px #4EC0CF }
```

Background

The CSS property to change the background color of an element to Hex 4EC0CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EC0CF }
```

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

```
.background{ background-color:#4EC0CF }
```

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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