

Converting Colors

Hex(4EC7C7)

Have a look what the booklet for
Hex(4EC7C7) contains.

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Color

Hex(4EC7C7)

Conversions

Conversions Part 1

Format	Color
Hex	4EC7C7
RGB	78, 199, 199
RGB Percent	31%, 78%, 78%
CMY	0.6941, 0.2196, 0.2196
CMYK	0.61, 0.00, 0.00, 0.22
HSL	180°, 52%, 54%
HSV	180°, 61%, 78%
XYZ	33.8741, 46.5901, 61.2403
YIQ	162.8210, -72.1160, -25.6520

Conversions

Conversions Part 2

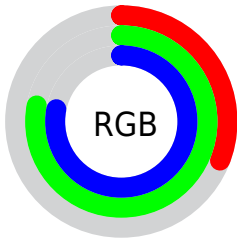
Format	Color
RYB	78, 139, 199
Decimal	5162951
CIELab	73.93, -33.12, -10.04
CIELCh	74, 34.608, 196.872
Yxy	46.5901, 0.2390, 0.3288
Android (android.graphics.Color)	4283353031 (0xFF4EC7C7)
YUV	162.8210, 17.8362, -74.3880
Hunter-Lab	68.2569, -30.8648, -5.4153

Details

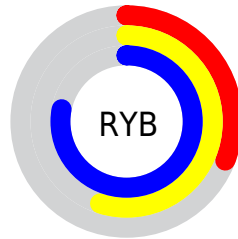
The Hex color **4EC7C7** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **C74E4E**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **8CFFFF**, and **009191** is the 20% darker color. If you saturate the color by 10%, you get **3AC7C7**, and if you desaturate by 10%, it is **62C7C7**.

Distribution



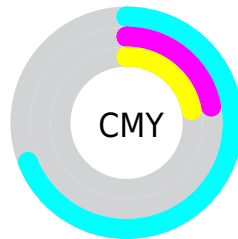
- Red (31%)
- Green (78%)
- Blue (78%)



- Red (31%)
- Yellow (55%)
- Blue (78%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (69%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EC7C7 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 4EC7C7 by changing the saturation by 10% instead.

 4EC7C7

 4EC7C7

FFFFFF

 29ABAC

 8CFFFF

 009191

 AAFFFF

 007678

 C8FFFF

 005D5F

 E6FFFF

 004547

 002E31

 00171C

 000000

 4EC7C7

 4EC7C7

 3AC7C7

 62C7C7

 26C7C7

 76C7C7

 12C7C7

 8AC7C7

 00C7C7

 9EC7C7

 B2C7C7

 C5C7C7

 D9C7C7

 EDC7C7

 FFC7C7

Harmonies

Analogous

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



6FC6A6



4EC7C7



4DC4E3

Triad

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



4EC7C7



D0A7E1



D8AF78

Complementary

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



4EC7C7



C74E4E

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.



EDA589



4EC7C7



EB9FC5

Square

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



4EC7C7



A6B3F2



F59EA5



B9B978

Rectangle

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



4EC7C7



65C0EF



F59EA5



E0AB7C

Sweetspot

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



4EC7C7



D1FFFF



4EC74E



638080



000000



808080

Same Dimension

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



4EC7C7



45FFFF



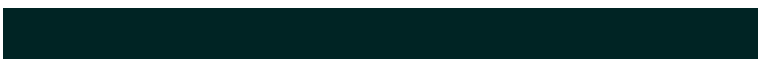
4E8BC7



5A6363



00A3A3



002424

Inverse Universe

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



C74EC7



FF45FF



C78B4E



635A63



A300A3



240024

Previews

White Background



This preview shows how the Hex color 4EC7C7 looks on a white background.

Color Contrast Check

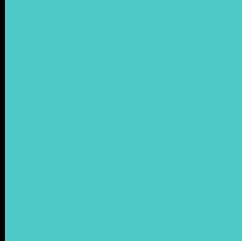
Large Text (above 18pt) WCAG AA × Fail

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 4EC7C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

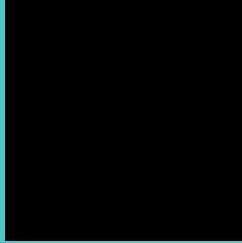
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

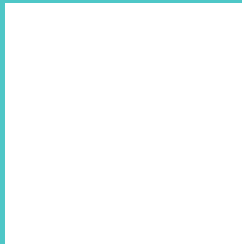
Any Text WCAG AAA ✓ Pass

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

Hex 4EC7C7 Background



This preview shows how black text looks on a background with the Hex color 4EC7C7.

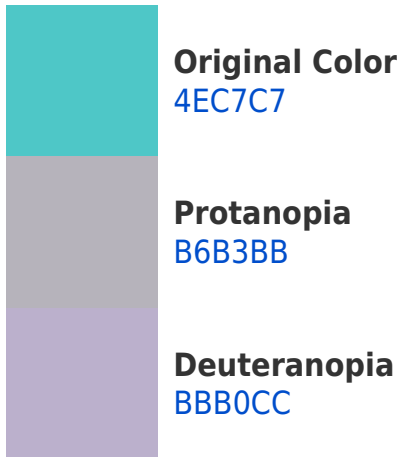


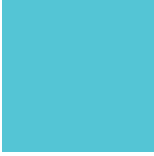
This preview shows how white text looks on a background with the Hex color 4EC7C7.

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](#).

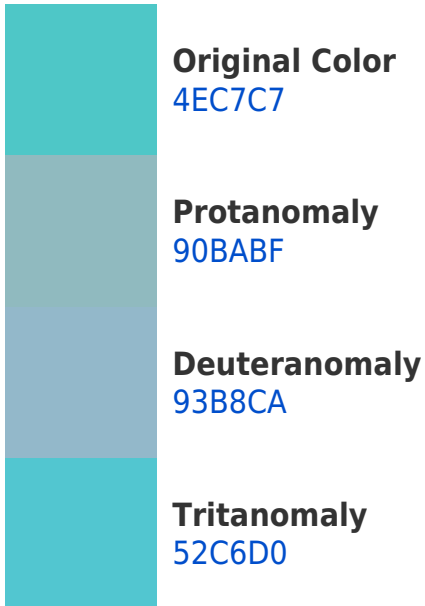
Dichromacy



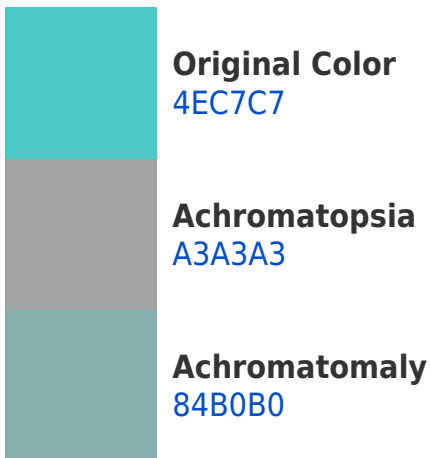


Tritanopia
54C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EC7C7 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 #4EC7C7 looks like.

```
.text, #text, p{  
    color:#4EC7C7  
}
```

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 #4EC7C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EC7C7
}
```

Border

The CSS property to change the border of an element to Hex 4EC7C7 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
#4EC7C7 }
```

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

```
.border{ border-color:#4EC7C7 }
```

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

Here you see how a box with a 4 pixel #4EC7C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EC7C7; -webkit-box-shadow:4px 4px  
4px 4px #4EC7C7; box-shadow:4px 4px 4px  
4px #4EC7C7 }
```

Background

The CSS property to change the background color of an element to Hex 4EC7C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EC7C7 }
```

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

```
.background{ background-color:#4EC7C7 }
```

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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