

Converting Colors

Hex(4EC7E7)

Have a look what the booklet for
Hex(4EC7E7) contains.

Hex(4EC7E7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4EC7E7)

Conversions

Conversions Part 1

Format	Color
Hex	4EC7E7
RGB	78, 199, 231
RGB Percent	31%, 78%, 91%
CMY	0.6941, 0.2196, 0.0941
CMYK	0.66, 0.14, 0.00, 0.09
HSL	193°, 76%, 61%
HSV	193°, 66%, 91%
XYZ	37.9891, 48.2361, 82.9096
YIQ	166.4690, -82.3880, -15.7000

Conversions

Conversions Part 2

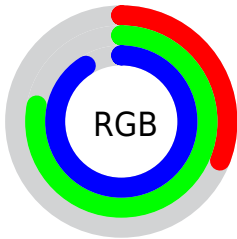
Format	Color
RYB	78, 146, 231
Decimal	5162983
CIELab	74.97, -23.82, -25.78
CIELCh	75, 35.101, 227.264
Yxy	48.2361, 0.2246, 0.2852
Android (android.graphics.Color)	4283353063 (0xFF4EC7E7)
YUV	166.4690, 31.8138, -77.5873
Hunter-Lab	69.4522, -23.9050, -22.1618

Details

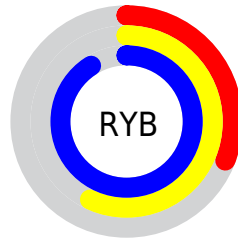
The Hex color **4EC7E7** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **E76E4E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **8FFFFFF**, and **0091AF** is the 20% darker color. If you saturate the color by 10%, you get **37C2E7**, and if you desaturate by 10%, it is **65CCE7**.

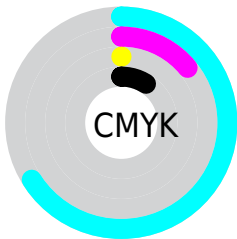
Distribution



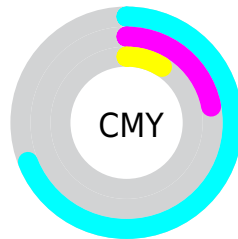
- Red (31%)
- Green (78%)
- Blue (91%)



- Red (31%)
- Yellow (57%)
- Blue (91%)



- Cyan (66%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (69%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EC7E7 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 4EC7E7 by changing the saturation by 10% instead.

 4EC7E7

 4EC7E7

FFFFFF

 24ACCB


 8FFFFFFF

 0091AF

 ADFFFF

 007795

 CCFFFF

 005E7B

 EAFFFF

 004662

 002F4A

 001C33

 00021E

 000000

■ 4EC7E7

■ 4EC7E7

■ 37C2E7

■ 65CCE7

■ 20BDE7

■ 7CD1E7

■ 09B9E7

■ 93D5E7

■ 00B7E7

■ AADAE7

■ C2DFE7

■ D9E4E7

■ F0E9E7

■ FFEEE7

■ FFF2E7

Harmonies

Analogous

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



4FCACB



4EC7E7



77C0F7

Triad

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



4EC7E7



EFA2C8



BCBC7A

Complementary

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



4EC7E7



E76E4E

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.



DBB27A



4EC7E7



F9A1A7

Square

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



4EC7E7



D4AAE5



F1A78A



97C58C

Rectangle

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



4EC7E7



99B9F8



F1A78A



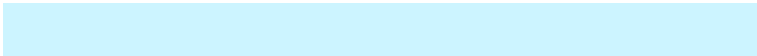
C7B978

Sweetspot

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



4EC7E7



CCF4FF



4EE76D



617980



000000



808080

Same Dimension

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



4EC7E7



36D5FF



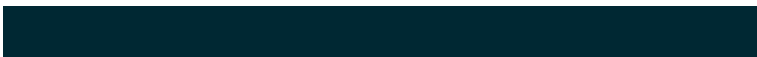
4E7CE7



677073



008DB3



002833

Inverse Universe

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



E74EC7



FF36D5



E7B94E



736770



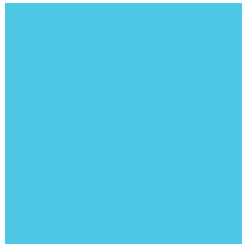
B3008D



330028

Previews

White Background



This preview shows how the Hex color 4EC7E7 looks on a white background.

Color Contrast Check

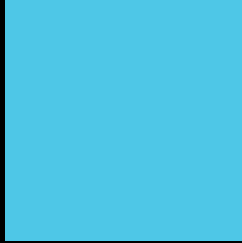
Large Text (above 18pt) WCAG AA × Fail

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 4EC7E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

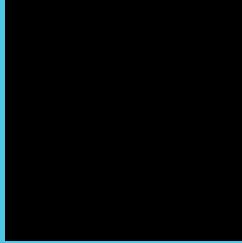
Any Text WCAG AA ✓ Pass

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 4EC7E7 Background



This preview shows how black text looks on a background with the Hex color 4EC7E7.

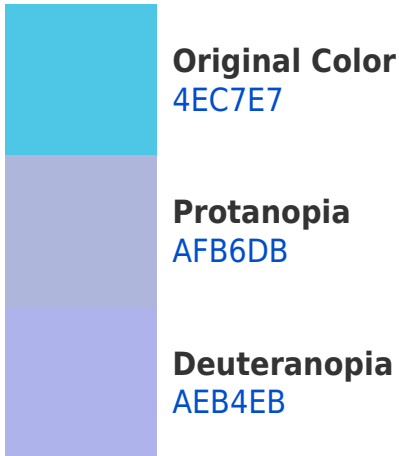


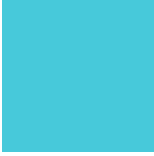
This preview shows how white text looks on a background with the Hex color 4EC7E7.

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](#).

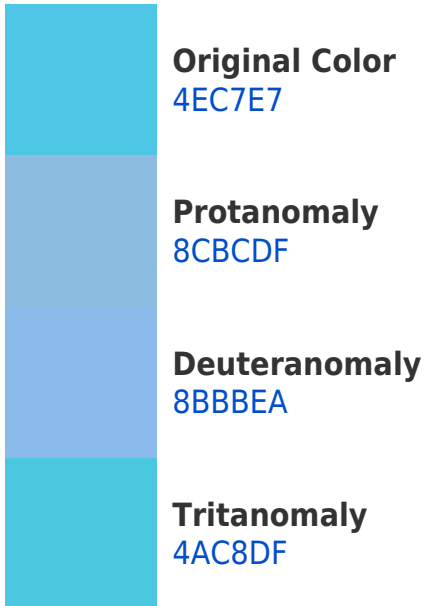
Dichromacy



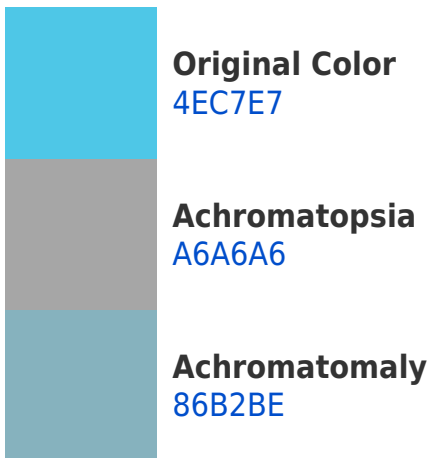


Tritanopia
47C9DA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EC7E7 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 #4EC7E7 looks like.

```
.text, #text, p{  
    color:#4EC7E7  
}
```

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 #4EC7E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EC7E7
}
```

Border

The CSS property to change the border of an element to Hex 4EC7E7 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
#4EC7E7 }
```

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

```
.border{ border-color:#4EC7E7 }
```

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

Here you see how a box with a 4 pixel #4EC7E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EC7E7; -webkit-box-shadow:4px 4px  
4px 4px #4EC7E7; box-shadow:4px 4px 4px  
4px #4EC7E7 }
```

Background

The CSS property to change the background color of an element to Hex 4EC7E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EC7E7 }
```

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

```
.background{ background-color:#4EC7E7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor