

Converting Colors

Hex(4EC9EE)

Have a look what the booklet for
Hex(4EC9EE) contains.

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Color

Hex(4EC9EE)

Conversions

Conversions Part 1

Format	Color
Hex	4EC9EE
RGB	78, 201, 238
RGB Percent	31%, 79%, 93%
CMY	0.6941, 0.2118, 0.0667
CMYK	0.67, 0.16, 0.00, 0.07
HSL	194°, 82%, 62%
HSV	194°, 67%, 93%
XYZ	39.4611, 49.5660, 88.3763
YIQ	168.4410, -85.1850, -14.5690

Conversions

Conversions Part 2

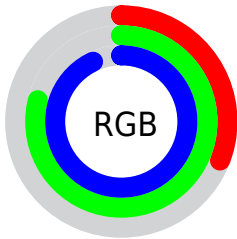
Format	Color
RYB	78, 148, 238
Decimal	5163502
CIELab	75.80, -22.69, -28.28
CIELCh	76, 36.262, 231.255
Yxy	49.5660, 0.2224, 0.2794
Android (android.graphics.Color)	4283353582 (0xFF4EC9EE)
YUV	168.4410, 34.2926, -79.3168
Hunter-Lab	70.4032, -23.1558, -25.1439

Details

The Hex color **4EC9EE** 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 **EE734E**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **90FFFF**, and **0093B6** is the 20% darker color. If you saturate the color by 10%, you get **36C3EE**, and if you desaturate by 10%, it is **66CFEE**.

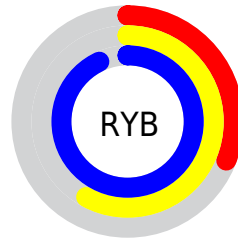
Distribution



Red (31%)

Green (79%)

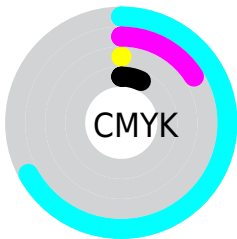
Blue (93%)



Red (31%)

Yellow (58%)

Blue (93%)

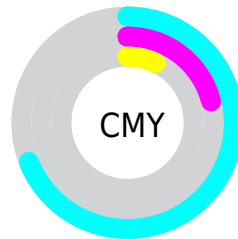


Cyan (67%)

Magenta (16%)

Yellow (0%)

Black (7%)



Cyan (69%)

Magenta (21%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EC9EE 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 4EC9EE by changing the saturation by 10% instead.

 4EC9EE

 4EC9EE

FFFFFF

 22AED2

 90FFFF

 0093B6

 AEFFFF

 00799B

 CDFFFF

 006081

 ECFFFF

 004868

 00314F

 001E38

 000223

 000009

 4EC9EE

 4EC9EE

 36C3EE

 66CFEE

 1EBEEE

 7ED4EE

 07B8EE

 95DAEE

 00B7EE

 ADDFEE

 C5E5EE

 DDEAEE

 F5F0EE

 FFF5EE

 FFFBEE

Harmonies

Analogous

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



48CDD2



4EC9EE



7DC1FC

Triad

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



4EC9EE



F6A2C6



B9C07C

Complementary

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



4EC9EE



EE734E

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.



DBB579



4EC9EE



FDA2A4

Square

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



4EC9EE



DCAA E5



F3AA88



93C890

Rectangle

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



4EC9EE



A0BAFC



F3AA88



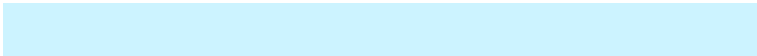
C5BD79

Sweetspot

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



4EC9EE



CCF3FF



4EEE71



617880



000000



808080

Same Dimension

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



4EC9EE



30CFFF



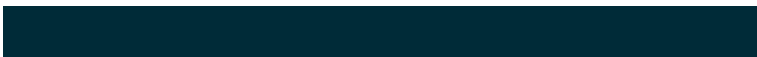
4E7BEE



6C7578



008DB8



002B38

Inverse Universe

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



EE4EC9



FF30CF



EEC14E



786C75



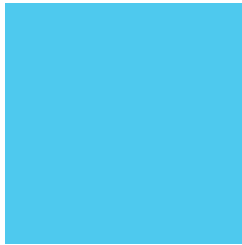
B8008D



38002B

Previews

White Background



This preview shows how the Hex color 4EC9EE looks on a white background.

Color Contrast Check

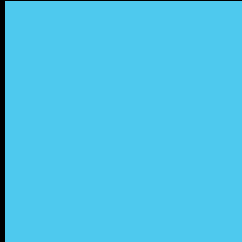
Large Text (above 18pt) WCAG AA × Fail

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 4EC9EE 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 4EC9EE Background



This preview shows how black text looks on a background with the Hex color 4EC9EE.

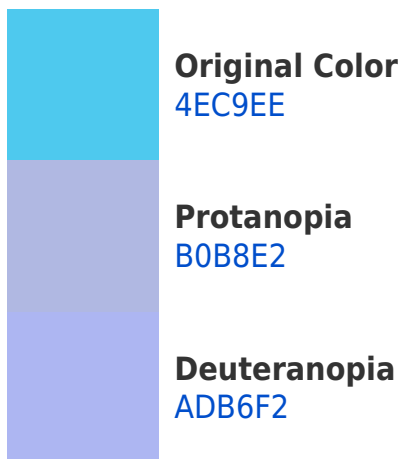


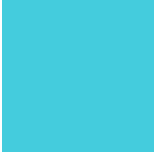
This preview shows how white text looks on a background with the Hex color 4EC9EE.

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](#).

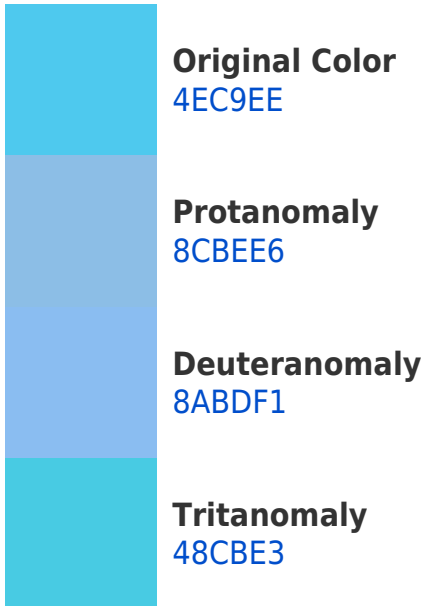
Dichromacy



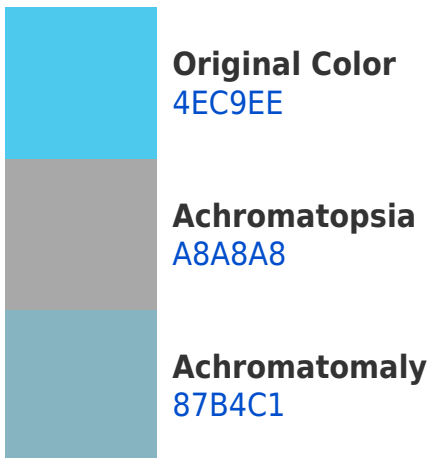


Tritanopia
44CCDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EC9EE 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 #4EC9EE looks like.

```
.text, #text, p{  
    color:#4EC9EE  
}
```

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 #4EC9EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EC9EE  
}
```

Border

The CSS property to change the border of an element to Hex 4EC9EE 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  
#4EC9EE }
```

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

```
.border{ border-color:#4EC9EE }
```

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

Here you see how a box with a 4 pixel #4EC9EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EC9EE; -webkit-box-shadow:4px 4px  
4px 4px #4EC9EE; box-shadow:4px 4px 4px  
4px #4EC9EE }
```

Background

The CSS property to change the background color of an element to Hex 4EC9EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EC9EE }
```

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

```
.background{ background-color:#4EC9EE }
```

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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