

Converting Colors

Hex(4EB9CC)

Have a look what the booklet for
Hex(4EB9CC) contains.

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Color

Hex(4EB9CC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4EB9CC |
| RGB | 78, 185, 204 |
| RGB Percent | 31%, 73%, 80% |
| CMY | 0.6941, 0.2745, 0.2000 |
| CMYK | 0.62, 0.09, 0.00, 0.20 |
| HSL | 189°, 55%, 55% |
| HSV | 189°, 62%, 80% |
| XYZ | 31.3899, 40.6773, 63.3238 |
| YIQ | 155.1730, -69.8710, -16.7750 |

Conversions

Conversions Part 2

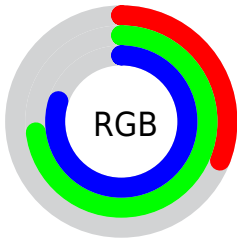
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 78, 136, 204 |
| Decimal | 5159372 |
| CIE Lab | 69.95, -24.86, -18.75 |
| CIE LCh | 70, 31.140, 217.030 |
| Yxy | 40.6773, 0.2318, 0.3004 |
| Android (android.graphics.Color) | 4283349452 (0xFF4EB9CC) |
| YUV | 155.1730, 24.0717, -67.6807 |
| Hunter-Lab | 63.7787, -23.7606, -14.2220 |

Details

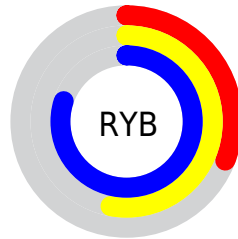
The Hex color **4EB9CC** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **CC614E**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8BF1FF**, and **008496** is the 20% darker color. If you saturate the color by 10%, you get **3AB6CC**, and if you desaturate by 10%, it is **62BCCC**.

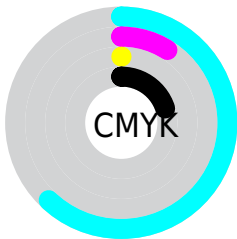
Distribution



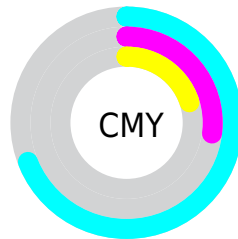
- Red (31%)
- Green (73%)
- Blue (80%)



- Red (31%)
- Yellow (53%)
- Blue (80%)



- Cyan (62%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EB9CC 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 4EB9CC by changing the saturation by 10% instead.

 4EB9CC

 4EB9CC

FFFFFF

 2A9EB1

 8BF1FF

 008496

 A9FFFF

 006A7C

 C6FFFF

 005263

 E4FFFF

 003A4B

 002534

 000220

 000003

 000000

 4EB9CC

 4EB9CC

 3AB6CC

 62BCCC

 25B3CC

 77BFCC

 11B0CC

 8BC2CC

 00ADCC

 A0C5CC

 B4C8CC

 C8CBCC

 DDCFCC

 F1D2CC

 FFD5CC

Harmonies

Analogous

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



5ABBB1



4EB9CC



66B4DE

Triad

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



4EB9CC



D499C2



B8AB73

Complementary

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



4EB9CC



CC614E

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.



D1A278



4EB9CC



E296A5

Square

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



4EB9CC



B7A1D8



E1998A



99B37D

Rectangle

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



4EB9CC



81AEE3



E1998A



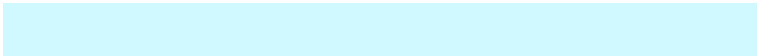
C1A872

Sweetspot

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



4EB9CC



CFF8FF



4ECC61



627B80



000000



808080

Same Dimension

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



4EB9CC



42E3FF



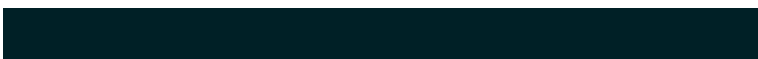
4E7ACC



5C6466



008DA6



002026

Inverse Universe

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



CC4EB9



FF42E3



CCA04E



665C64



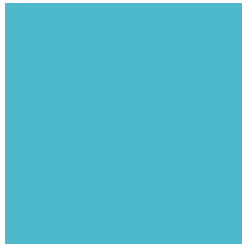
A6008D



260020

Previews

White Background



This preview shows how the Hex color 4EB9CC looks on a white background.

Color Contrast Check

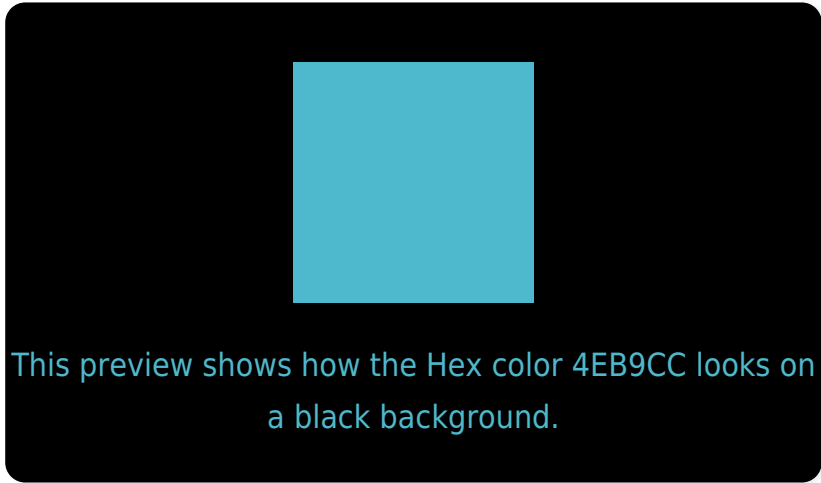
Large Text (above 18pt) WCAG AA × Fail

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

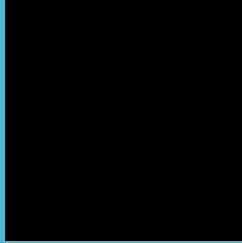
Any Text WCAG AA ✓ Pass

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 4EB9CC Background



This preview shows how black text looks on a background with the Hex color 4EB9CC.

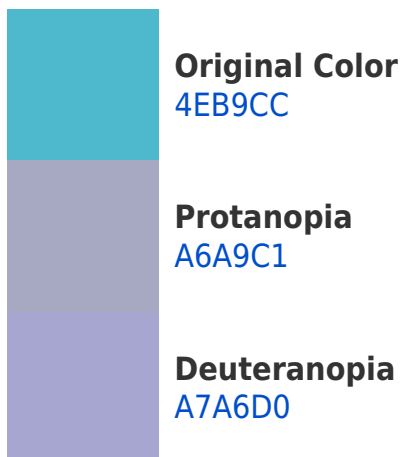


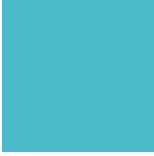
This preview shows how white text looks on a background with the Hex color 4EB9CC.

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](#).

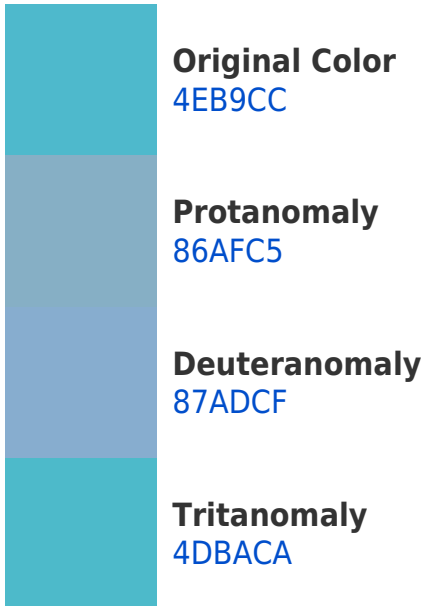
Dichromacy



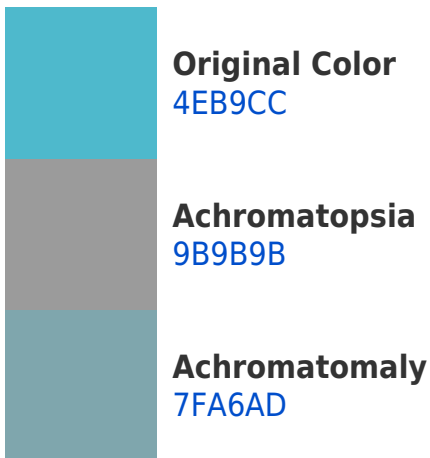


Tritanopia
4CBAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EB9CC 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 #4EB9CC looks like.

```
.text, #text, p{  
    color:#4EB9CC  
}
```

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 #4EB9CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB9CC
}
```

Border

The CSS property to change the border of an element to Hex 4EB9CC 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
#4EB9CC }
```

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

```
.border{ border-color:#4EB9CC }
```

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

Here you see how a box with a 4 pixel #4EB9CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB9CC; -webkit-box-shadow:4px 4px  
4px 4px #4EB9CC; box-shadow:4px 4px 4px  
4px #4EB9CC }
```

Background

The CSS property to change the background color of an element to Hex 4EB9CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB9CC }
```

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

```
.background{ background-color:#4EB9CC }
```

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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