

# Converting Colors

Hex(4EBECF)

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

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# Color

**Hex(4EBECF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EBECF
RGB	78, 190, 207
RGB Percent	31%, 75%, 81%
CMY	0.6941, 0.2549, 0.1882
CMYK	0.62, 0.08, 0.00, 0.19
HSL	188°, 57%, 56%
HSV	188°, 62%, 81%
XYZ	32.8178, 42.9516, 65.5923
YIQ	158.4500, -72.2090, -18.4570

# Conversions

## Conversions Part 2

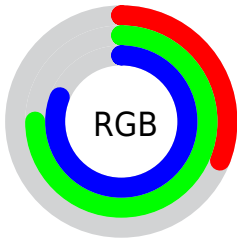
Format	Color
<a href="#">RYB</a>	<a href="#">78, 138, 207</a>
Decimal	<a href="#">5160655</a>
CIELab	<a href="#">71.52, -26.48, -18.01</a>
CIELCh	<a href="#">72, 32.023, 214.227</a>
Yxy	<a href="#">42.9516, 0.2322, 0.3038</a>
Android (android.graphics.Color)	<a href="#">4283350735 (0xFF4EBECF)</a>
YUV	<a href="#">158.4500, 23.9352, -70.5546</a>
Hunter-Lab	<a href="#">65.5375, -25.3069, -13.4634</a>




# Details

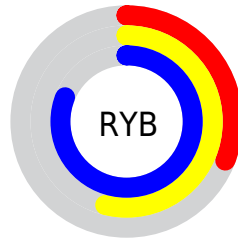
The Hex color **4EBECF** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **CF5F4E**, and the grayscale version is **9E9E9E**.




A 20% lighter version of the original color is **8CF7FF**, and **008899** is the 20% darker color. If you saturate the color by 10%, you get **39BBCF**, and if you desaturate by 10%, it is **63C1CF**.

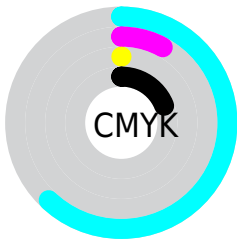
# Distribution







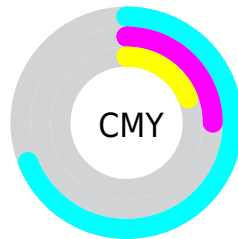
-  Red (31%)
-  Green (75%)
-  Blue (81%)






-  Red (31%)
-  Yellow (54%)
-  Blue (81%)



-  Cyan (62%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (19%)



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

# Brightness & Saturation Gradients

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



 4EBECF

 4EBECF

FFFFFF

 29A3B3

 8CF7FF

 008899

 A9FFFF

 006F7F

 C7FFFF

 005666

 E5FFFF

 003E4E

 002837

 000C22

 000008

 000000

 4EBECF

 4EBECF

 39BBCF

 63C1CF

 25B9CF

 77C3CF

 10B6CF

 8CC6CF

 00B4CF

 A1C9CF

 B6CCCF

 CACECF

 DFD1CF

 F4D4CF

 FFD7CF

# Harmonies

## Analogous

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



5DBFB2



4EBECF



64B9E3

# Triad

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



4EBECF



D89DC9



BFAF75

# Complementary

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



4EBECF



CF5F4E

# 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.



D9A57B



4EBECF



E899AC

# Square

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



4EBECF



B9A6DF



E79C90



A0B77E

# Rectangle

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



4EBECF



80B4E9



E79C90



C9AB75

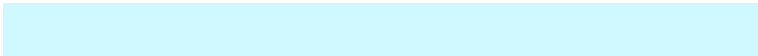


# Sweetspot

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



4EBECF



CFF9FF



4ECF5D



627C80



000000



808080

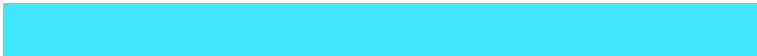


# Same Dimension

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



4EBECF



40E6FF



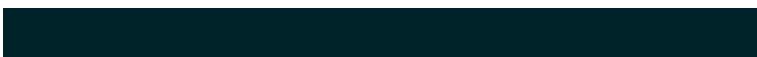
4E7FCF



5E6769



0092A8



002329



# Inverse Universe

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



CF4EBE



FF40E6



CF9E4E



695E67



A80092



290023



# Previews

## White Background



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

## Color Contrast Check

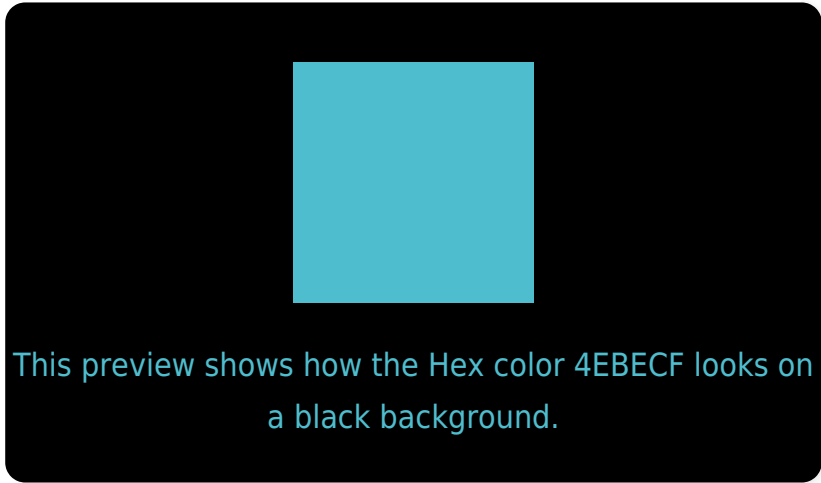
Large Text (above 18pt) WCAG AA × Fail

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 4EBECF Background



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

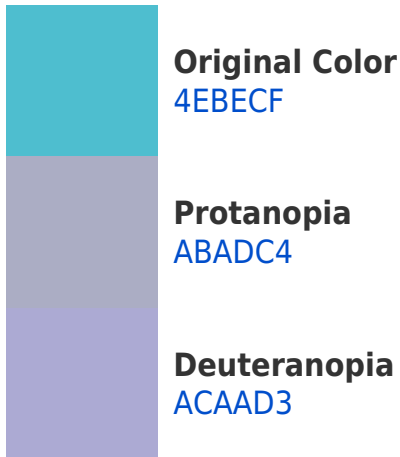


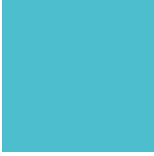
This preview shows how white text looks on a background with the Hex color 4EBECF.

# Color Blindness Simulation

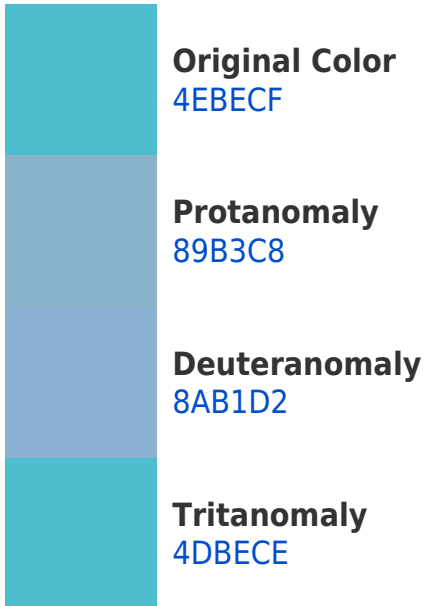
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #4EBECF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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