

# Converting Colors

Hex(4EB9DB)

Have a look what the booklet for  
Hex(4EB9DB) contains.

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# **Color**

**Hex(4EB9DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EB9DB
RGB	78, 185, 219
RGB Percent	31%, 73%, 86%
CMY	0.6941, 0.2745, 0.1412
CMYK	0.64, 0.16, 0.00, 0.14
HSL	194°, 66%, 58%
HSV	194°, 64%, 86%
XYZ	33.2770, 41.4321, 73.2611
YIQ	156.8830, -74.6860, -12.1100

# Conversions

## Conversions Part 2

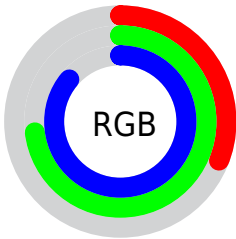
Format	Color
<a href="#">RYB</a>	<a href="#">78, 139, 219</a>
Decimal	<a href="#">5159387</a>
CIELab	<a href="#">70.48, -20.35, -26.15</a>
CIELCh	<a href="#">70, 33.136, 232.120</a>
Yxy	<a href="#">41.4321, 0.2249, 0.2800</a>
Android (android.graphics.Color)	<a href="#">4283349467 (0xFF4EB9DB)</a>
YUV	<a href="#">156.8830, 30.6237, -69.1804</a>
Hunter-Lab	<a href="#">64.3678, -20.3622, -22.4244</a>

# Details

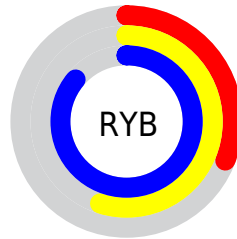
The Hex color **4EB9DB** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **DB704E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **8CF1FF**, and **0084A4** is the 20% darker color. If you saturate the color by 10%, you get **38B4DB**, and if you desaturate by 10%, it is **64BEDB**.

# Distribution



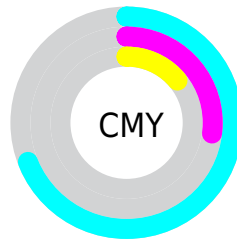
- Red (31%)
- Green (73%)
- Blue (86%)



- Red (31%)
- Yellow (55%)
- Blue (86%)



- Cyan (64%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (69%)
- Magenta (27%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EB9DB 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 4EB9DB by changing the saturation by 10% instead.



 4EB9DB

 4EB9DB

FFFFFF

 289EBF

 8CF1FF

 0084A4

 AAFFFF

 006A8A

 C9FFFF

 005270

 E7FFFF

 003B57

 002540

 00062A

 000114

 000000

■ 4EB9DB

■ 4EB9DB

■ 38B4DB

■ 64BEDB

■ 22AEDB

■ 7AC4DB

■ 0CA9DB

■ 90C9DB

■ 00A6DB

■ A6CEDB

■ BCD3DB

■ D1D9DB

■ E7DEDB

■ FDE3DB

■ FFE9DB

# Harmonies

## Analogous

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



47BDC2



4EB9DB



77B2E7

# Triad

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



4EB9DB



E296B6



AAB174

# Complementary

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



4EB9DB



DB704E

# 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.



C8A871



4EB9DB



E89797

# Square

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



4EB9DB



CB9DD2



DE9E7E



87B986

# Rectangle

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



4EB9DB



96ABE7



DE9E7E



B5AE71

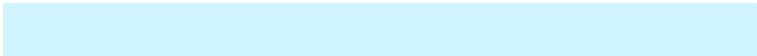


# Sweetspot

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



4EB9DB



CFF3FF



4EDB6F



627880



000000



808080



# Same Dimension

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



4EB9DB



3BD0FF



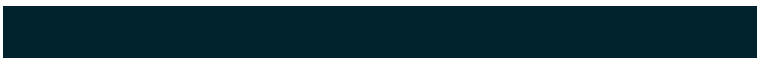
4E74DB



636B6E



0084AD



00232E



# Inverse Universe

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



DB4EB9



FF3BD0



DBB54E



6E636B



AD0084

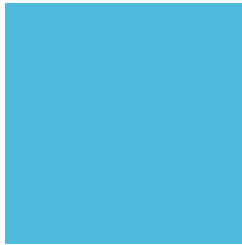


2E0023



# Previews

## White Background



This preview shows how the Hex color 4EB9DB looks on a white background.

## Color Contrast Check

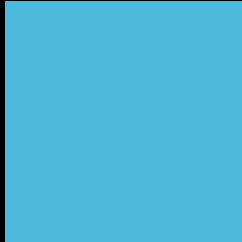
Large Text (above 18pt) WCAG AA × Fail

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 4EB9DB 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 4EB9DB Background



This preview shows how black text looks on a background with the Hex color 4EB9DB.

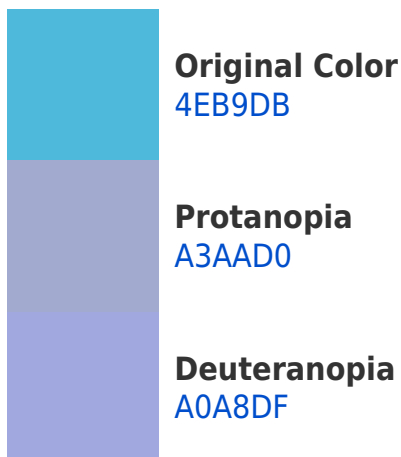


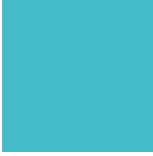
This preview shows how white text looks on a background with the Hex color 4EB9DB.

# 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](#).

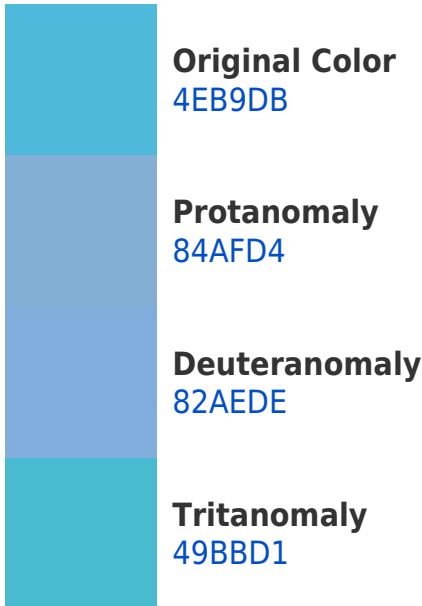
## Dichromacy



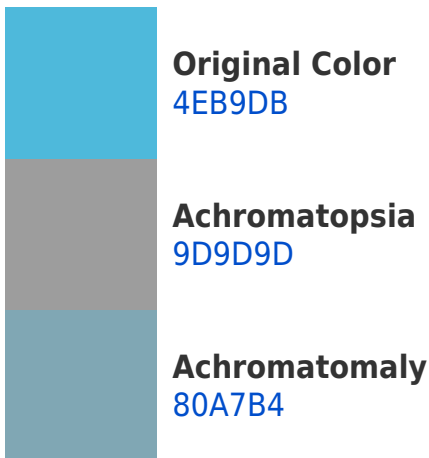


**Tritanopia**  
46BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EB9DB 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 #4EB9DB looks like.

```
.text, #text, p{  
    color:#4EB9DB  
}
```

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 #4EB9DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB9DB  
}
```

## Border

The CSS property to change the border of an element to Hex 4EB9DB 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  
#4EB9DB }
```

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

```
.border{ border-color:#4EB9DB }
```

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

Here you see how a box with a 4 pixel #4EB9DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB9DB; -webkit-box-shadow:4px 4px  
4px 4px #4EB9DB; box-shadow:4px 4px 4px  
4px #4EB9DB }
```

# Background

The CSS property to change the background color of an element to Hex 4EB9DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB9DB }
```

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

```
.background{ background-color:#4EB9DB }
```

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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