

# Converting Colors

Hex(4CF2EB)

Have a look what the booklet for  
Hex(4CF2EB) contains.

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# **Color**

**Hex(4CF2EB)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 4CF2EB                       |
| RGB         | 76, 242, 235                 |
| RGB Percent | 30%, 95%, 92%                |
| CMY         | 0.7020, 0.0510, 0.0784       |
| CMYK        | 0.69, 0.00, 0.03, 0.05       |
| HSL         | 177°, 86%, 62%               |
| HSV         | 177°, 69%, 95%               |
| XYZ         | 49.7280, 71.0389, 89.6882    |
| YIQ         | 191.5680, -96.6890, -37.3690 |

# Conversions

## Conversions Part 2

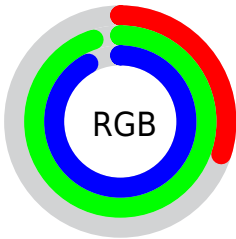
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">76, 161, 242</a>                 |
| Decimal                             | <a href="#">5042923</a>                      |
| CIELab                              | <a href="#">87.50, -43.24, -9.03</a>         |
| CIELCh                              | <a href="#">88, 44.175, 191.789</a>          |
| Yxy                                 | <a href="#">71.0389, 0.2363, 0.3375</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4283233003<br/>(0xFF4CF2EB)</a>  |
| YUV                                 | <a href="#">191.5680, 21.4120, -101.3531</a> |
| Hunter-Lab                          | <a href="#">84.2846, -42.1828, -4.0920</a>   |

# Details

The Hex color **4CF2EB** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F24C53**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **92FFFF**, and **00B9B3** is the 20% darker color. If you saturate the color by 10%, you get **34F2EA**, and if you desaturate by 10%, it is **64F2EC**.

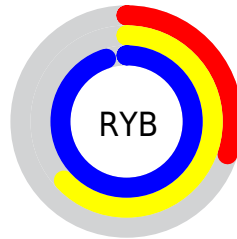
# Distribution



Red (30%)

Green (95%)

Blue (92%)



Red (30%)

Yellow (63%)

Blue (95%)

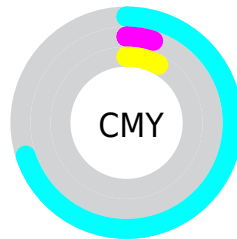


Cyan (69%)

Magenta (0%)

Yellow (3%)

Black (5%)



Cyan (70%)

Magenta (5%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CF2EB 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 4CF2EB by changing the saturation by 10% instead.



 4CF2EB

 4CF2EB


FFFFFF

 15D5CF

 92FFFF

 00B9B3

 B1FFFF

 009E99

 D1FFFF

 00837F

 F0FFFF

 006966

 00504E

 003837

 002222

 00000B

 4CF2EB

 4CF2EB

 34F2EA

 64F2EC

 1CF2E9

 7CF2ED

 03F2E8

 95F2EE

 00F2E8

 ADF2EF

 C5F2F0

 DDF2F1

 F5F2F2

 FFF2F3

 FFF2F4

# Harmonies

## Analogous

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



84F0C0



4CF2EB



36EFFF

# Triad

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



4CF2EB



F6CAFF



FFD08C

# Complementary

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



4CF2EB



F24C53

# 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.



FFC2A5



4CF2EB



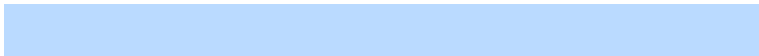
FFBEF7

# Square

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



4CF2EB



BADAFF



FFBBCC



E7DE88

# Rectangle

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



4CF2EB



5CEAFF



FFBBCC



FFCB92

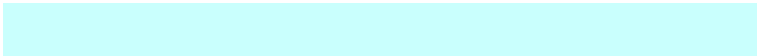


# Sweetspot

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



4CF2EB



C9FFFD



54F24C



60807E



000000



808080



# Same Dimension

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



4CF2EB



2EFFF6



4CA7F2



6C7877



00B8B0



003836



# Inverse Universe

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



F24C53



FF2E37



F2974C



786C6C



B80008

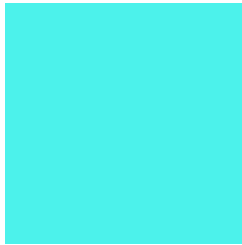


380002



# Previews

## White Background



This preview shows how the Hex color 4CF2EB looks on a white background.

## Color Contrast Check

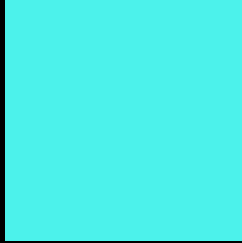
Large Text (above 18pt) WCAG AA × Fail

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 4CF2EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

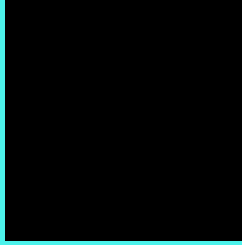
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

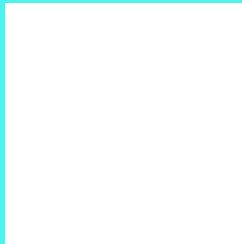
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4CF2EB Background



This preview shows how black text looks on a background with the Hex color 4CF2EB.

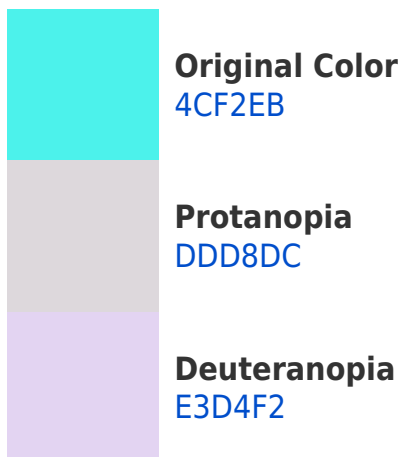


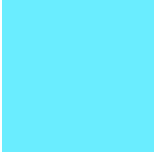
This preview shows how white text looks on a background with the Hex color 4CF2EB.

# 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**  
6AEDFF

# Trichromacy



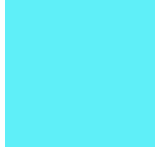
**Original Color**  
4CF2EB



**Protanomaly**  
A8E1E1



**Deuteranomaly**  
ACDFEF

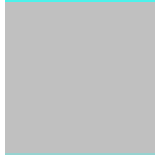


**Tritanomaly**  
5FEFF8

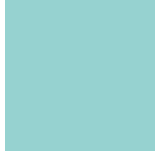
# Monochromacy



**Original Color**  
4CF2EB



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
96D2D0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CF2EB 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 #4CF2EB looks like.

```
.text, #text, p{  
    color:#4CF2EB  
}
```

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 #4CF2EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CF2EB
}
```

## Border

The CSS property to change the border of an element to Hex 4CF2EB 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
#4CF2EB }
```

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

```
.border{ border-color:#4CF2EB }
```

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

Here you see how a box with a 4 pixel #4CF2EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CF2EB; -webkit-box-shadow:4px 4px  
4px 4px #4CF2EB; box-shadow:4px 4px 4px  
4px #4CF2EB }
```

# Background

The CSS property to change the background color of an element to Hex 4CF2EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CF2EB }
```

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

```
.background{ background-color:#4CF2EB }
```

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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