

Converting Colors

Hex(46F4ED)

Have a look what the booklet for
Hex(46F4ED) contains.

Hex(46F4ED)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(46F4ED)

Conversions

Conversions Part 1

Format	Color
Hex	46F4ED
RGB	70, 244, 237
RGB Percent	27%, 96%, 93%
CMY	0.7255, 0.0431, 0.0706
CMYK	0.71, 0.00, 0.03, 0.04
HSL	178°, 89%, 62%
HSV	178°, 71%, 96%
XYZ	50.1625, 72.1179, 91.3971
YIQ	191.1760, -101.4570, -39.0650

Conversions

Conversions Part 2

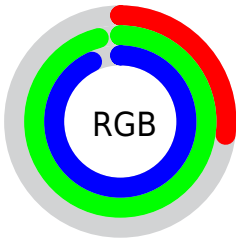
Format	Color
RYB	70, 159, 244
Decimal	4650221
CIELab	88.03, -44.32, -9.31
CIELCh	88, 45.288, 191.862
Yxy	72.1179, 0.2348, 0.3375
Android (android.graphics.Color)	4282840301 (0xFF46F4ED)
YUV	191.1760, 22.5912, -106.2714
Hunter-Lab	84.9222, -43.1762, -4.3649

Details

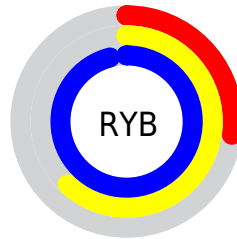
The Hex color **46F4ED** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F4464D**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **8EFFFF**, and **00BBB5** is the 20% darker color. If you saturate the color by 10%, you get **2EF4EC**, and if you desaturate by 10%, it is **5EF4EE**.

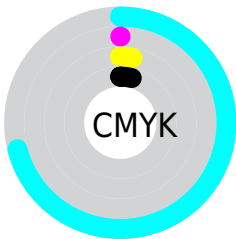
Distribution



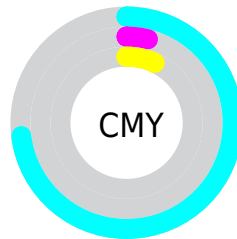
- Red (27%)
- Green (96%)
- Blue (93%)



- Red (27%)
- Yellow (62%)
- Blue (96%)



- Cyan (71%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (73%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46F4ED 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 46F4ED by changing the saturation by 10% instead.

 46F4ED

FFFFFF

 8EFFFF

 AEFFFF

 CEFFFF

 EEFFFF

 46F4ED

 00D7D1

 00BBB5

 00A09A

 008580

 006B67

 00524F

 003939

 002423

 00010E

 46F4ED

 46F4ED

 2EF4EC

 5EF4EE

 15F4EB

 77F4EF

 00F4EA

 8FF4F0

 A8F4F1

 C0F4F2

 D8F4F3

 F1F4F4

 FFF4F5

 FFF4F6

Harmonies

Analogous

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



83F2C1



46F4ED



2AF1FF

Triad

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



46F4ED



F8CBFF



FFD18B

Complementary

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



46F4ED



F4464D

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.



FFC3A5



46F4ED



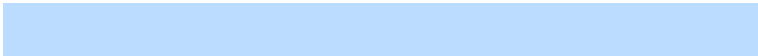
FFBFF9

Square

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



46F4ED



BBDBFF



FFBBCD



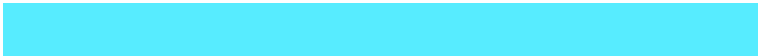
E8E087

Rectangle

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



46F4ED



57ECFF



FFBBCD



FFCC92

Sweetspot

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



46F4ED



C9FFFD



4FF446



60807E



000000



808080

Same Dimension

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



46F4ED



24FFF6



46A6F4



6E7A7A



00BAB3



003B38

Inverse Universe

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



F4464D



FF242D



F49446



7A6E6F



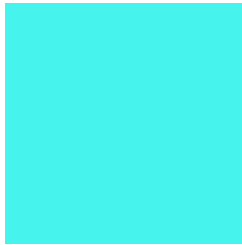
BA0007



3B0002

Previews

White Background



This preview shows how the Hex color 46F4ED looks on a white background.

Color Contrast Check

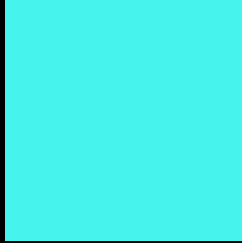
Large Text (above 18pt) WCAG AA × Fail

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 46F4ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

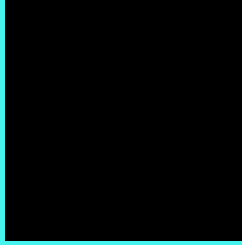
Any Text WCAG AA ✓ Pass

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 46F4ED Background



This preview shows how black text looks on a background with the Hex color 46F4ED.

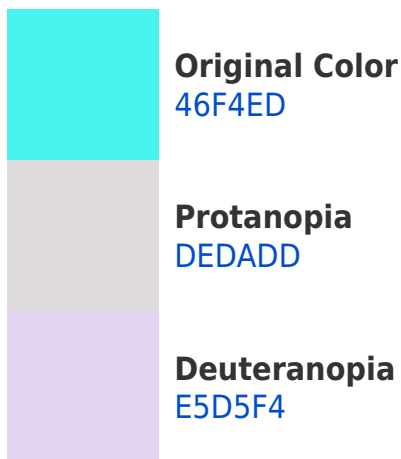


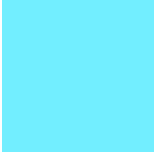
This preview shows how white text looks on a background with the Hex color 46F4ED.

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
72EEFF

Trichromacy



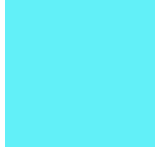
Original Color
46F4ED



Protanomaly
A7E3E3



Deuteranomaly
ABE0F1

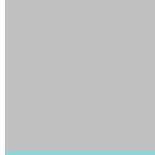


Tritanomaly
62F0F8

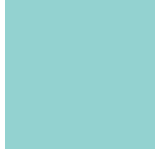
Monochromacy



Original Color
46F4ED



Achromatopsia
BFBFBF



Achromatomaly
93D2D0

CSS Examples

Text

The CSS property to change the color of the text to Hex 46F4ED 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 #46F4ED looks like.

```
.text, #text, p{  
    color:#46F4ED  
}
```

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 #46F4ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46F4ED
}
```

Border

The CSS property to change the border of an element to Hex 46F4ED 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
#46F4ED }
```

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

```
.border{ border-color:#46F4ED }
```

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

Here you see how a box with a 4 pixel #46F4ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46F4ED; -webkit-box-shadow:4px 4px  
4px 4px #46F4ED; box-shadow:4px 4px 4px  
4px #46F4ED }
```

Background

The CSS property to change the background color of an element to Hex 46F4ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46F4ED }
```

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

```
.background{ background-color:#46F4ED }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor