

Converting Colors

Hex(00F5ED)

Have a look what the booklet for
Hex(00F5ED) contains.

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Color

Hex(00F5ED)

Conversions

Conversions Part 1

Format	Color
Hex	00F5ED
RGB	0, 245, 237
RGB Percent	0%, 96%, 93%
CMY	1.0000, 0.0392, 0.0706
CMYK	1.00, 0.00, 0.03, 0.04
HSL	178°, 100%, 48%
HSV	178°, 100%, 96%
XYZ	47.9385, 71.4192, 91.3794
YIQ	170.8330, -143.4520, -54.4280

Conversions

Conversions Part 2

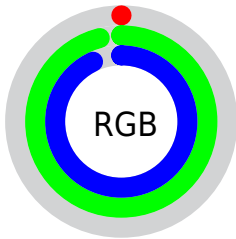
Format	Color
RYB	0, 125, 245
Decimal	62957
CIELab	87.69, -48.93, -9.88
CIELCh	88, 49.917, 191.414
Yxy	71.4192, 0.2275, 0.3389
Android (android.graphics.Color)	4278253037 (0xFF00F5ED)
YUV	170.8330, 32.6203, -149.8205
Hunter-Lab	84.5099, -46.6377, -4.9526

Details

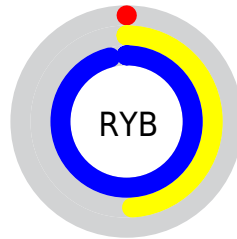
The Hex color **00F5ED** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F50008**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **76FFFF**, and **00BCB5** is the 20% darker color. If you saturate the color by 10%, you get **00F5ED**, and if you desaturate by 10%, it is **18F5EE**.

Distribution



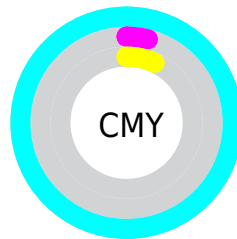
- Red (0%)
- Green (96%)
- Blue (93%)



- Red (0%)
- Yellow (49%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F5ED 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 00F5ED by changing the saturation by 10% instead.

 00F5ED

 00F5ED

FFFFFF

 00D8D1


 76FFFF

 00BCB5

 99FFFF

 00A09A


 BAffff

 008581

 DBFFFF

 006B67

 FBFFFF

 005250

 003939

 002323

 00010E

 00F5ED

 18F5EE

 31F5EF

 4AF5EF

 62F5F0

 7BF5F1

 93F5F2

 ABF5F3

 C4F5F3

 DDF5F4

Harmonies

Analogous

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



76F3BC



00F5ED



00F2FF

Triad

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



00F5ED



F8C9FF



FFCF82

Complementary

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



00F5ED



F50008

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.



FFBF9F



00F5ED



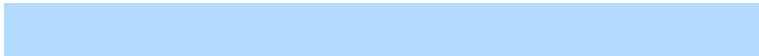
FFBAFB

Square

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



00F5ED



B3DAFF



FFB6CB



E8DF7D

Rectangle

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



00F5ED



26EDFF



FFB6CB



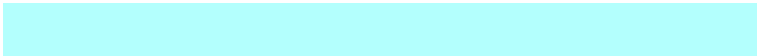
FFC989

Sweetspot

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



00F5ED



B3FFFD



08F500



52807E



000000



808080

Same Dimension

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



00F5ED



00FFF7



0083F5



6E7A7A



00BAB4



003B39

Inverse Universe

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



F50008



FF0008



F57200



7A6E6F



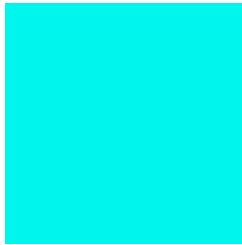
BA0006



3B0002

Previews

White Background



This preview shows how the Hex color 00F5ED looks on a white background.

Color Contrast Check

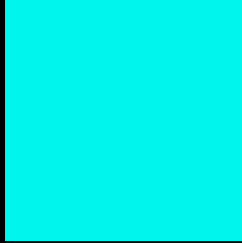
Large Text (above 18pt) WCAG AA × Fail

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 00F5ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

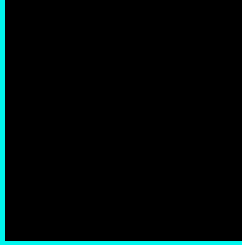
Any Text WCAG AA ✓ Pass

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 00F5ED Background



This preview shows how black text looks on a background with the Hex color 00F5ED.

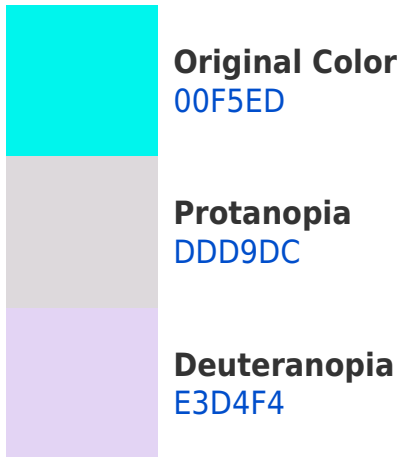


This preview shows how white text looks on a background with the Hex color 00F5ED.

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](#).

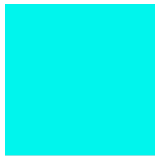
Dichromacy





Tritanopia
66EEFF

Trichromacy



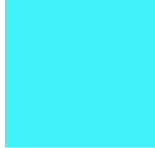
Original Color
00F5ED



Protanomaly
8DE3E2



Deuteranomaly
90E0F1

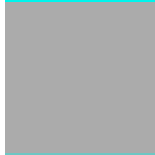


Tritanomaly
41F1F8

Monochromacy



Original Color
00F5ED



Achromatopsia
ABABAB



Achromatomaly
6DC6C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F5ED 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 #00F5ED looks like.

```
.text, #text, p{  
    color:#00F5ED  
}
```

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 #00F5ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F5ED
}
```

Border

The CSS property to change the border of an element to Hex 00F5ED 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
#00F5ED }
```

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

```
.border{ border-color:#00F5ED }
```

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

Here you see how a box with a 4 pixel #00F5ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F5ED; -webkit-box-shadow:4px 4px  
4px 4px #00F5ED; box-shadow:4px 4px 4px  
4px #00F5ED }
```

Background

The CSS property to change the background color of an element to Hex 00F5ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F5ED }
```

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

```
.background{ background-color:#00F5ED }
```

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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