

Converting Colors

Hex(00E4F3)

Have a look what the booklet for
Hex(00E4F3) contains.

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Color

Hex(00E4F3)

Conversions

Conversions Part 1

Format	Color
Hex	00E4F3
RGB	0, 228, 243
RGB Percent	0%, 89%, 95%
CMY	1.0000, 0.1059, 0.0471
CMYK	1.00, 0.06, 0.00, 0.05
HSL	184°, 100%, 48%
HSV	184°, 100%, 95%
XYZ	43.9211, 61.9579, 94.4382
YIQ	161.5380, -140.7030, -43.6710

Conversions

Conversions Part 2

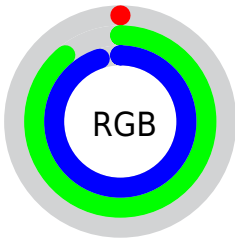
Format	Color
RYB	0, 118, 243
Decimal	58611
CIELab	82.89, -39.70, -20.23
CIELCh	83, 44.554, 207.006
Yxy	61.9579, 0.2193, 0.3093
Android (android.graphics.Color)	4278248691 (0xFF00E4F3)
YUV	161.5380, 40.1608, -141.6688
Hunter-Lab	78.7133, -38.1475, -16.0353

Details

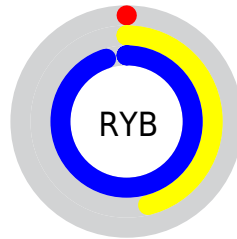
The Hex color **00E4F3** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **F30F00**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **74FFFF**, and **00ACBB** is the 20% darker color. If you saturate the color by 10%, you get **00E4F3**, and if you desaturate by 10%, it is **18E5F3**.

Distribution



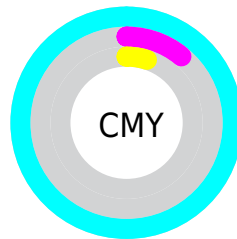
- Red (0%)
- Green (89%)
- Blue (95%)



- Red (0%)
- Yellow (46%)
- Blue (95%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E4F3 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 00E4F3 by changing the saturation by 10% instead.

 00E4F3

FFFFFF

 74FFFF

 96FFFF

 B7FFFF

 D8FFFF

 F8FFFF

 00E4F3

 00C8D7

 00ACBB

 0091A0

 007786

 005D6C

 004554

 002E3D

 001427

 000112

 00E4F3

 18E5F3

 31E7F3

 49E8F3

 61EAF3

 79EBF3

 92EDF3

 AAEEF3

 C2F0F3

 DBF1F3

Harmonies

Analogous

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



57E4C9



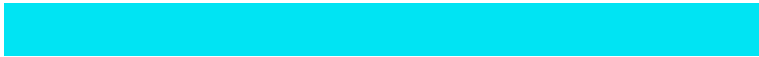
00E4F3



37DFFF

Triad

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



00E4F3



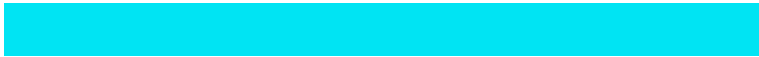
FFB6FD



EECA7A

Complementary

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



00E4F3



F30F00

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.



FFBC89



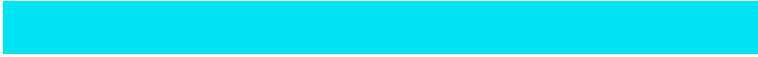
00E4F3



FFAED4

Square

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



00E4F3



CDC5FF



FFB0AB



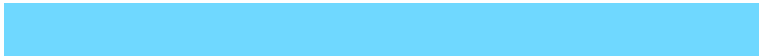
C3D782

Rectangle

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



00E4F3



6FD8FF



FFB0AB



FAC67D

Sweetspot

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



00E4F3



B3FAFF



00F30C



527D80



000000



808080

Same Dimension

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



00E4F3



00EFFF



006DF3



6E7A7A



00AFBA



00373B

Inverse Universe

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



F300E4



FF00EF



F38600



7A6E7A



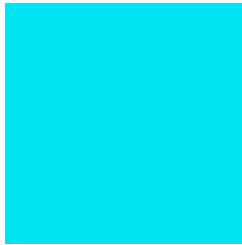
BA00AF



3B0037

Previews

White Background



This preview shows how the Hex color 00E4F3 looks on a white background.

Color Contrast Check

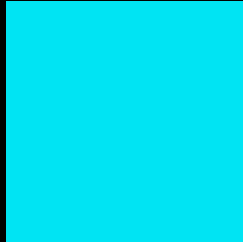
Large Text (above 18pt) WCAG AA × Fail

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 00E4F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

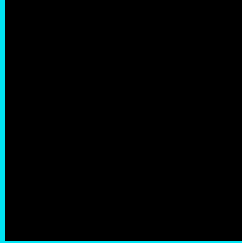
Any Text WCAG AA ✓ Pass

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 00E4F3 Background



This preview shows how black text looks on a background with the Hex color 00E4F3.

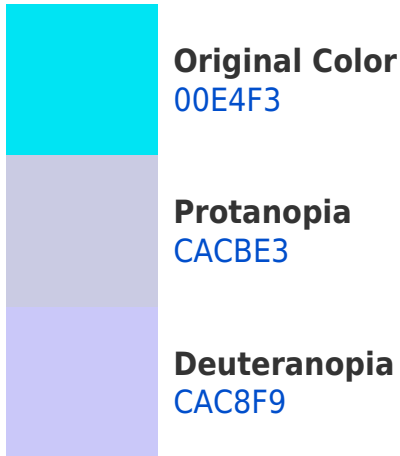


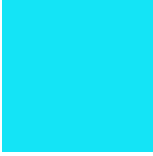
This preview shows how white text looks on a background with the Hex color 00E4F3.

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



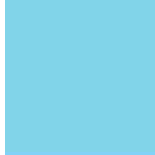


Tritanopia
14E4F6

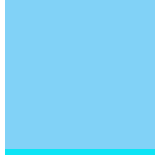
Trichromacy



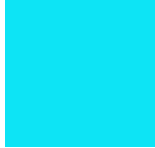
Original Color
00E4F3



Protanomaly
81D4E9



Deuteranomaly
81D2F7

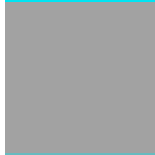


Tritanomaly
0DE4F5

Monochromacy



Original Color
00E4F3



Achromatopsia
A2A2A2



Achromatomaly
67BABF

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E4F3 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 #00E4F3 looks like.

```
.text, #text, p{  
    color:#00E4F3  
}
```

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 #00E4F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E4F3
}
```

Border

The CSS property to change the border of an element to Hex 00E4F3 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
#00E4F3 }
```

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

```
.border{ border-color:#00E4F3 }
```

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

Here you see how a box with a 4 pixel #00E4F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E4F3; -webkit-box-shadow:4px 4px  
4px 4px #00E4F3; box-shadow:4px 4px 4px  
4px #00E4F3 }
```

Background

The CSS property to change the background color of an element to Hex 00E4F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E4F3 }
```

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

```
.background{ background-color:#00E4F3 }
```

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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