

Converting Colors

Hex(03E2F6)

Have a look what the booklet for
Hex(03E2F6) contains.

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Color

Hex(03E2F6)

Conversions

Conversions Part 1

Format	Color
Hex	03E2F6
RGB	3, 226, 246
RGB Percent	1%, 89%, 96%
CMY	0.9882, 0.1137, 0.0353
CMYK	0.99, 0.08, 0.00, 0.04
HSL	185°, 98%, 49%
HSV	185°, 99%, 96%
XYZ	43.8685, 61.0659, 96.6636
YIQ	161.6030, -139.3280, -41.0560

Conversions

Conversions Part 2

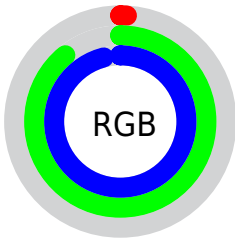
Format	Color
R_{YB}	3, 119, 246
Decimal	254710
CIE _{Lab}	82.41, -37.80, -22.54
CIE _{LCh}	82, 44.006, 210.811
Yxy	61.0659, 0.2176, 0.3029
Android (android.graphics.Color)	4278444790 (0xFF03E2F6)
YUV	161.6030, 41.6077, -139.0948
Hunter-Lab	78.1447, -36.5477, -18.6394

Details

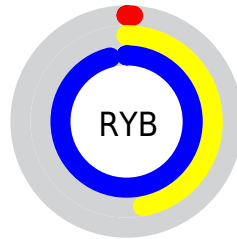
The Hex color **03E2F6** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **F61703**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **74FFFF**, and **00AABE** is the 20% darker color. If you saturate the color by 10%, you get **00E2F6**, and if you desaturate by 10%, it is **1CE4F6**.

Distribution



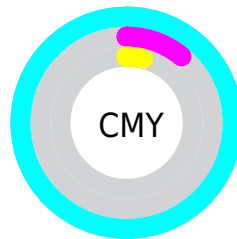
- Red (1%)
- Green (89%)
- Blue (96%)



- Red (1%)
- Yellow (47%)
- Blue (96%)



- Cyan (99%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (99%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03E2F6 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 03E2F6 by changing the saturation by 10% instead.

03E2F6

03E2F6

FFFFFF

00C6DA

74FFFF

00AABE

97FFFF

008FA3

B8FFFF

007588

D8FFFF

005C6F

F9FFFF

004356

002D3F

001229

000114

■ 03E2F6

■ 03E2F6

■ 00E2F6

■ 1CE4F6

■ 34E6F6

■ 4DE8F6

■ 65EAF6

■ 7EECF6

■ 97EEF6

■ AFF0F6

■ C8F2F6

■ E0F4F6

Harmonies

Analogous

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



50E3CD



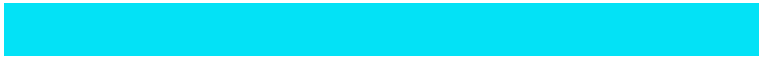
03E2F6



45DCFF

Triad

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



03E2F6



FFB4F6



E7CB7A

Complementary

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



03E2F6



F61703

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.



FFBD86



03E2F6



FFADCE

Square

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



03E2F6



D3C2FF



FFB1A5



BCD785

Rectangle

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



03E2F6



7AD5FF



FFB1A5



F4C67B

Sweetspot

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



03E2F6



B3F9FF



03F613



527C80



000000



808080

Same Dimension

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



03E2F6



00E AFF



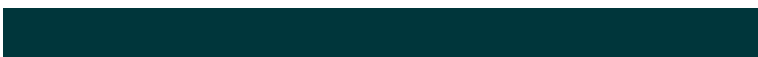
036CF6



6E797A



00ABBA



00363B

Inverse Universe

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



F603E2



FF00EA



F68D03



7A6E79



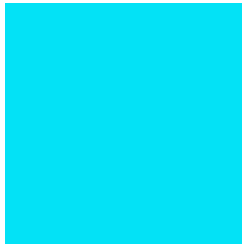
BA00AB



3B0036

Previews

White Background



This preview shows how the Hex color 03E2F6 looks on a white background.

Color Contrast Check

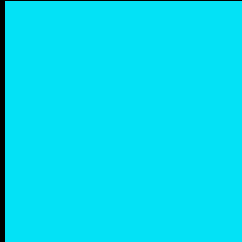
Large Text (above 18pt) WCAG AA × Fail

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 03E2F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

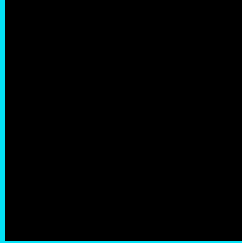
Any Text WCAG AA ✓ Pass

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 03E2F6 Background



This preview shows how black text looks on a background with the Hex color 03E2F6.

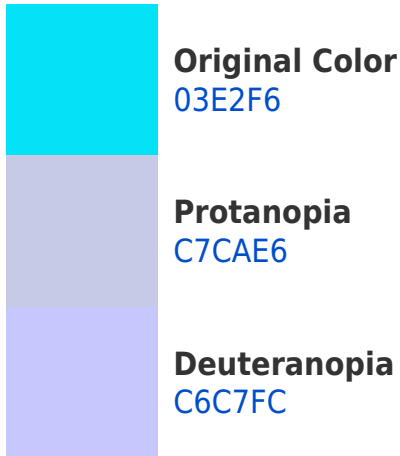


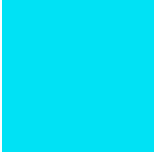
This preview shows how white text looks on a background with the Hex color 03E2F6.

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



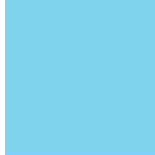


Tritanopia
00E2F5

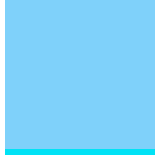
Trichromacy



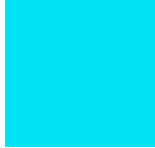
Original Color
03E2F6



Protanomaly
80D3EC



Deuteranomaly
7FD1FA



Tritanomaly
01E2F5

Monochromacy



Original Color
03E2F6



Achromatopsia
A2A2A2



Achromatomaly
68B9C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 03E2F6 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 #03E2F6 looks like.

```
.text, #text, p{  
    color:#03E2F6  
}
```

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 #03E2F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03E2F6
}
```

Border

The CSS property to change the border of an element to Hex 03E2F6 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
#03E2F6 }
```

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

```
.border{ border-color:#03E2F6 }
```

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

Here you see how a box with a 4 pixel #03E2F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03E2F6; -webkit-box-shadow:4px 4px  
4px 4px #03E2F6; box-shadow:4px 4px 4px  
4px #03E2F6 }
```

Background

The CSS property to change the background color of an element to Hex 03E2F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03E2F6 }
```

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

```
.background{ background-color:#03E2F6 }
```

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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