

# Converting Colors

Hex(01E9FF)

Have a look what the booklet for  
Hex(01E9FF) contains.

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**Color**

**Hex(01E9FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01E9FF
RGB	1, 233, 255
RGB Percent	0%, 91%, 100%
CMY	0.9961, 0.0863, 0.0000
CMYK	1.00, 0.09, 0.00, 0.00
HSL	185°, 100%, 50%
HSV	185°, 100%, 100%
XYZ	47.2014, 65.5043, 104.7636
YIQ	166.1400, -145.3340, -42.3420

# Conversions

## Conversions Part 2

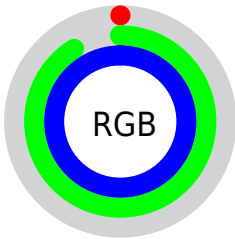
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 122, 255
Decimal	125439
CIELab	84.74, -38.28, -23.75
CIELCh	85, 45.054, 211.814
Yxy	65.5043, 0.2170, 0.3012
Android (android.graphics.Color)	4278315519 (0xFF01E9FF)
YUV	166.1400, 43.8080, -144.8278
Hunter-Lab	80.9347, -37.5339, -20.0919

# Details

The Hex color **01E9FF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FF1701**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **76FFFF**, and **00B1C6** is the 20% darker color. If you saturate the color by 10%, you get **00E9FF**, and if you desaturate by 10%, it is **1AEBFF**.

# Distribution



- Red (0%)
- Green (91%)
- Blue (100%)



- Red (0%)
- Yellow (48%)
- Blue (100%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 01E9FF 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 01E9FF by changing the saturation by 10% instead.



 01E9FF

 01E9FF

FFFFFF

 00CDE2

 76FFFF

 00B1C6

 99FFFF

 0096AB

 BBFFFF

 007B90

 DBFFFF

 006277


 FCFFFF

 00495E

 003246

 001B30

 00011B

 01E9FF

 01E9FF

 00E9FF

 1AE9FF

 34EDFF

 4EF0FF

 67F2FF

 81F4FF

 9AF6FF

 B3F8FF

 CDFBFF

 E7FDFF

# Harmonies

## Analogous

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



51EAD5



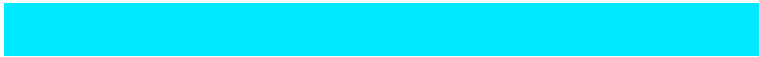
01E9FF



4AE3FF

# Triad

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



01E9FF



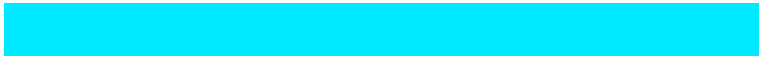
FFB9FC



EDD27E

# Complementary

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



01E9FF



FF1701

# 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.



FFC38A



01E9FF



FFB2D3

# Square

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



01E9FF



DCC8FF



FFB6A9



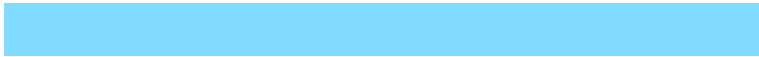
C0DE8A

# Rectangle

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



01E9FF



80DBFF



FFB6A9



FACD7F

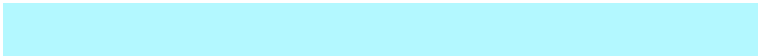


# Sweetspot

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



01E9FF



B3F8FF



01FF16



527C80



000000



808080



# Same Dimension

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



01E9FF



00E9FF



016BFF



737E80



00AFBF



003A40



# Inverse Universe

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



FF01E9



FF00E9



FF9501



80737E



BF00AF

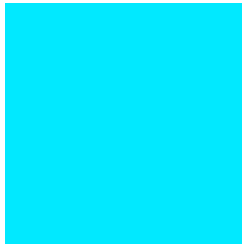


40003A



# Previews

## White Background



This preview shows how the Hex color 01E9FF looks on a white background.

## Color Contrast Check

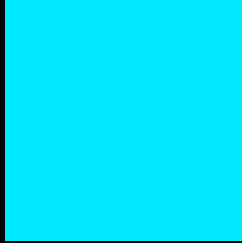
Large Text (above 18pt) WCAG AA × Fail

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 01E9FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

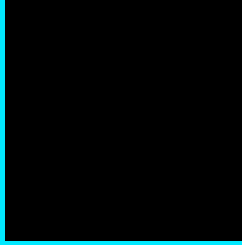
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 01E9FF Background



This preview shows how black text looks on a background with the Hex color 01E9FF.

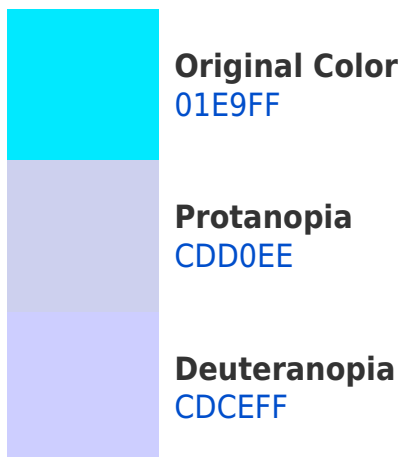


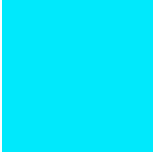
This preview shows how white text looks on a background with the Hex color 01E9FF.

# 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



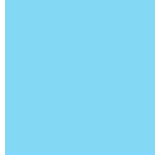


**Tritanopia**  
00E9FC

# Trichromacy



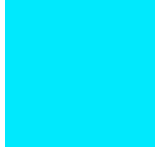
**Original Color**  
01E9FF



**Protanomaly**  
83D9F4



**Deuteranomaly**  
83D8FF

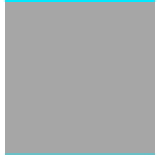


**Tritanomaly**  
00E9FD

# Monochromacy



**Original Color**  
01E9FF



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
6ABEC6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01E9FF 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 #01E9FF looks like.

```
.text, #text, p{  
    color:#01E9FF  
}
```

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 #01E9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01E9FF
}
```

## Border

The CSS property to change the border of an element to Hex 01E9FF 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
#01E9FF }
```

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

```
.border{ border-color:#01E9FF }
```

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

Here you see how a box with a 4 pixel #01E9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01E9FF; -webkit-box-shadow:4px 4px  
4px 4px #01E9FF; box-shadow:4px 4px 4px  
4px #01E9FF }
```

# Background

The CSS property to change the background color of an element to Hex 01E9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01E9FF }
```

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

```
.background{ background-color:#01E9FF }
```

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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