

# Converting Colors

Hex(00E2F5)

Have a look what the booklet for  
Hex(00E2F5) contains.

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# Color

Hex(00E2F5)

# Conversions

## Conversions Part 1

Format	Color
Hex	00E2F5
RGB	0, 226, 245
RGB Percent	0%, 89%, 96%
CMY	1.0000, 0.1137, 0.0392
CMYK	1.00, 0.08, 0.00, 0.04
HSL	185°, 100%, 48%
HSV	185°, 100%, 96%
XYZ	43.6778, 60.9853, 95.8555
YIQ	160.5920, -140.7950, -42.0030

# Conversions

## Conversions Part 2

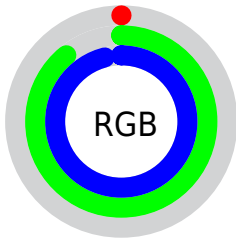
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 118, 245
Decimal	58101
CIELab	82.37, -38.17, -22.08
CIELCh	82, 44.094, 210.046
Yxy	60.9853, 0.2178, 0.3041
Android (android.graphics.Color)	4278248181 (0xFF00E2F5)
YUV	160.5920, 41.6131, -140.8392
Hunter-Lab	78.0931, -36.8271, -18.1105

# Details

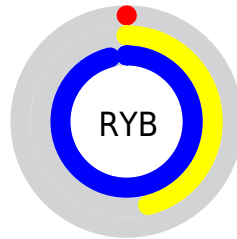
The Hex color **00E2F5** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **F51300**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **74FFFF**, and **00AABD** is the 20% darker color. If you saturate the color by 10%, you get **00E2F5**, and if you desaturate by 10%, it is **18E4F5**.

# Distribution



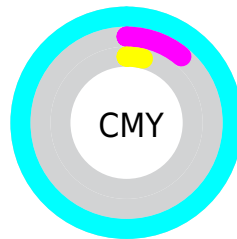
- Red (0%)
- Green (89%)
- Blue (96%)



- Red (0%)
- Yellow (46%)
- Blue (96%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (11%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E2F5 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 00E2F5 by changing the saturation by 10% instead.



 00E2F5

 00E2F5

FFFFFF

 00C6D9

 74FFFF

 00AABD

 96FFFF

 008FA2

 B7FFFF

 007587

 D8FFFF

 005C6E

 F8FFFF

 004356

 002D3E

 001129

 000113

 00E2F5

 18E4F5

 31E6F5

 4AE8F5

 62EAF5

 7BECF5

 93EDF5

 ABEFF5

 C4F1F5

 DDF3F5

# Harmonies

## Analogous

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



51E3CC



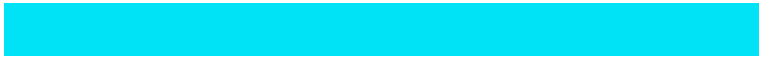
00E2F5



42DCFF

# Triad

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



00E2F5



FFB4F7



E8CA79

# Complementary

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



00E2F5



F51300

# 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.



FFBC86



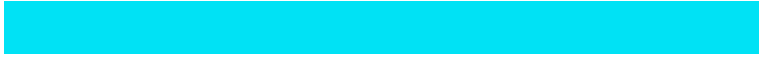
00E2F5



FFADCE

# Square

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



00E2F5



D2C2FF



FFB0A6



BDD784

# Rectangle

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



00E2F5



77D5FF



FFB0A6



F4C67B



# Sweetspot

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



00E2F5



B3F9FF



00F510



527C80



000000



808080

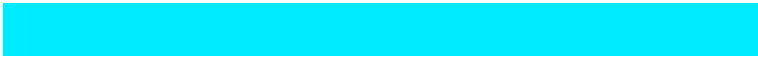


# Same Dimension

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



00E2F5



00EBFF



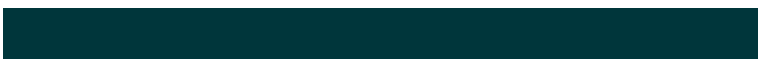
006AF5



6E797A



00ACBA



00363B



# Inverse Universe

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



F500E2



FF00EB



F58B00



7A6E79



BA00AC

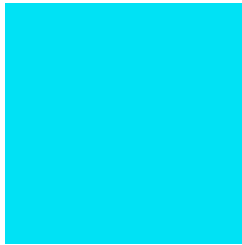


3B0036



# Previews

## White Background



This preview shows how the Hex color 00E2F5 looks on a white background.

## Color Contrast Check

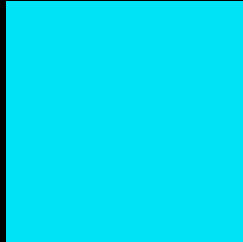
Large Text (above 18pt) WCAG AA × Fail

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 00E2F5 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 00E2F5 Background



This preview shows how black text looks on a background with the Hex color 00E2F5.

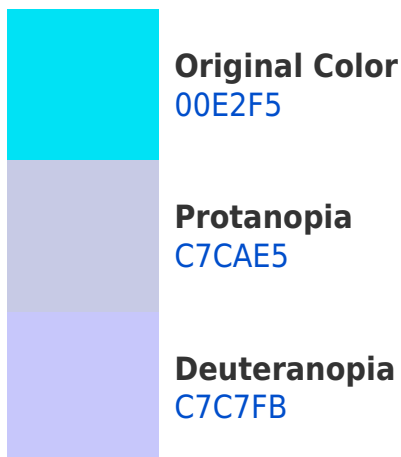


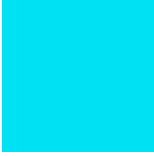
This preview shows how white text looks on a background with the Hex color 00E2F5.

# 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



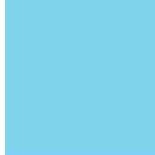


**Tritanopia**  
00E2F4

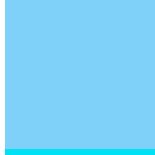
# Trichromacy



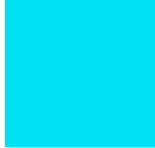
**Original Color**  
00E2F5



**Protanomaly**  
7FD3EB



**Deuteranomaly**  
7FD1F9

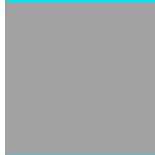


**Tritanomaly**  
00E2F4

# Monochromacy



**Original Color**  
00E2F5



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
66B9C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E2F5 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 #00E2F5 looks like.

```
.text, #text, p{  
    color:#00E2F5  
}
```

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 #00E2F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E2F5
}
```

## Border

The CSS property to change the border of an element to Hex 00E2F5 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
#00E2F5 }
```

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

```
.border{ border-color:#00E2F5 }
```

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

Here you see how a box with a 4 pixel #00E2F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E2F5; -webkit-box-shadow:4px 4px  
4px 4px #00E2F5; box-shadow:4px 4px 4px  
4px #00E2F5 }
```

# Background

The CSS property to change the background color of an element to Hex 00E2F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E2F5 }
```

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

```
.background{ background-color:#00E2F5 }
```

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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