

Converting Colors

Hex(00ECF7)

Have a look what the booklet for
Hex(00ECF7) contains.

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Color

Hex(00ECF7)

Conversions

Conversions Part 1

Format	Color
Hex	00ECF7
RGB	0, 236, 247
RGB Percent	0%, 93%, 97%
CMY	1.0000, 0.0745, 0.0314
CMYK	1.00, 0.04, 0.00, 0.03
HSL	183°, 100%, 48%
HSV	183°, 100%, 97%
XYZ	46.7840, 66.7063, 98.4055
YIQ	166.6900, -144.1870, -46.6110

Conversions

Conversions Part 2

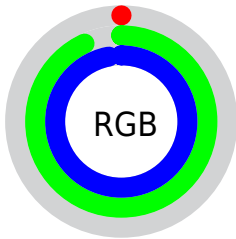
Format	Color
RYB	0, 121, 247
Decimal	60663
CIELab	85.36, -42.10, -18.62
CIELCh	85, 46.029, 203.857
Yxy	66.7063, 0.2208, 0.3148
Android (android.graphics.Color)	4278250743 (0xFF00ECF7)
YUV	166.6900, 39.5928, -146.1871
Hunter-Lab	81.6739, -40.6821, -14.2643

Details

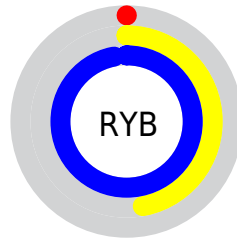
The Hex color **00ECF7** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F70B00**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **75FFFF**, and **00B3BF** is the 20% darker color. If you saturate the color by 10%, you get **00ECF7**, and if you desaturate by 10%, it is **19EDF7**.

Distribution



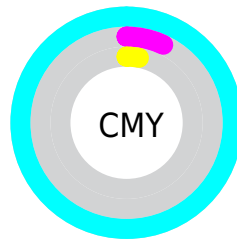
- Red (0%)
- Green (93%)
- Blue (97%)



- Red (0%)
- Yellow (47%)
- Blue (97%)



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



- Cyan (100%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00ECF7 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 00ECF7 by changing the saturation by 10% instead.

 00ECF7

FFFFFF

 75FFFF

 98FFFF

 BAFFFF

 DAFFFF

 FBFFFF

 00ECF7

 00CFDB

 00B3BF

 0098A4

 007E89

 006470

 004B57

 003340

 001D2A

 000116

 00ECF7

 19EDF7

 31EEF7

 4AEFF7

 63F0F7

 7CF1F7

 94F3F7

 ADF4F7

 C6F5F7

 DEF6F7

Harmonies

Analogous

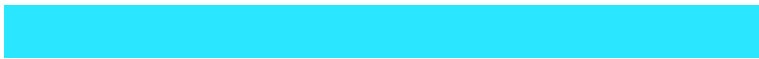
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60ECCA



00ECF7



2AE7FF

Triad

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



00ECF7



FFBEFF



FAD07E

Complementary

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



00ECF7



F70B00

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.



FFC090



00ECF7



FFB4E0

Square

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



00ECF7



CDCDFF



FFB5B4



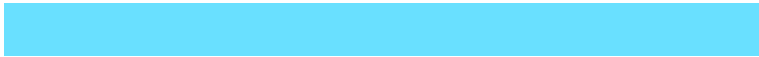
CEDD84

Rectangle

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



00ECF7



69E0FF



FFB5B4



FFCB82

Sweetspot

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



00ECF7



B3FCFF



00F708



527D80



000000



808080

Same Dimension

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



00ECF7



00F4FF



0073F7



6E7A7A



00B2BA



00383B

Inverse Universe

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



F700EC



FF00F4



F78400



7A6E7A



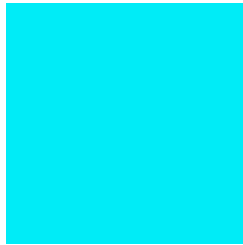
BA00B2



3B0038

Previews

White Background



This preview shows how the Hex color 00ECF7 looks on a white background.

Color Contrast Check

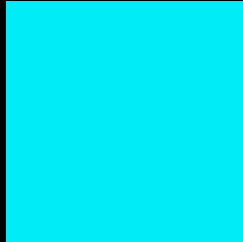
Large Text (above 18pt) WCAG AA × Fail

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 00ECF7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

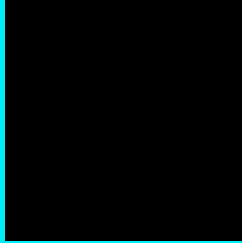
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

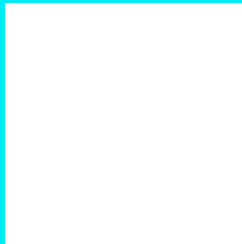
Any Text WCAG AAA ✓ Pass

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

Hex 00ECF7 Background



This preview shows how black text looks on a background with the Hex color 00ECF7.

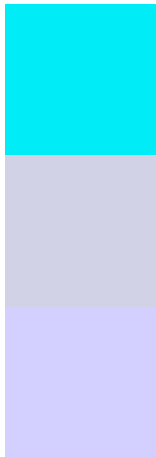


This preview shows how white text looks on a background with the Hex color 00ECF7.

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](#).

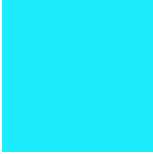
Dichromacy



Original Color
00ECF7

Protanopia
D2D2E6

Deuteranopia
D3CFE

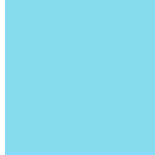


Tritanopia
1DEBFE

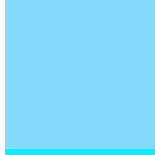
Trichromacy



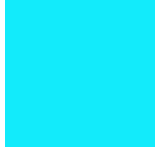
Original Color
00ECF7



Protanomaly
86DBEC



Deuteranomaly
86DAFB

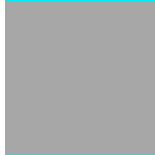


Tritanomaly
12EBFB

Monochromacy



Original Color
00ECF7



Achromatopsia
A7A7A7



Achromatomaly
6AC0C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 00ECF7 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 #00ECF7 looks like.

```
.text, #text, p{  
    color:#00ECF7  
}
```

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 #00ECF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ECF7
}
```

Border

The CSS property to change the border of an element to Hex 00ECF7 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
#00ECF7 }
```

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

```
.border{ border-color:#00ECF7 }
```

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

Here you see how a box with a 4 pixel #00ECF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ECF7; -webkit-box-shadow:4px 4px  
4px 4px #00ECF7; box-shadow:4px 4px 4px  
4px #00ECF7 }
```

Background

The CSS property to change the background color of an element to Hex 00ECF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ECF7 }
```

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

```
.background{ background-color:#00ECF7 }
```

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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