

Converting Colors

Hex(06ECF0)

Have a look what the booklet for
Hex(06ECF0) contains.

Hex(06ECF0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(06ECF0)

Conversions

Conversions Part 1

Format	Color
Hex	06ECF0
RGB	6, 236, 240
RGB Percent	2%, 93%, 94%
CMY	0.9765, 0.0745, 0.0588
CMYK	0.97, 0.02, 0.00, 0.06
HSL	181°, 95%, 48%
HSV	181°, 98%, 94%
XYZ	45.7987, 66.3209, 92.8254
YIQ	167.6860, -138.3640, -47.5160

Conversions

Conversions Part 2

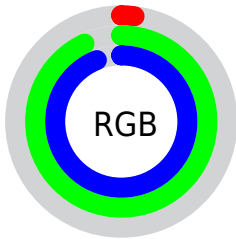
Format	Color
RYB	6, 122, 240
Decimal	453872
CIELab	85.16, -44.04, -15.23
CIELCh	85, 46.602, 199.072
Yxy	66.3209, 0.2235, 0.3236
Android (android.graphics.Color)	4278643952 (0xFF06ECF0)
YUV	167.6860, 35.6508, -141.7986
Hunter-Lab	81.4376, -42.1314, -10.5744

Details

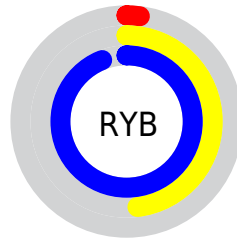
The Hex color **06ECF0** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F00A06**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **75FFFF**, and **00B3B8** is the 20% darker color. If you saturate the color by 10%, you get **00ECF0**, and if you desaturate by 10%, it is **1EECF0**.

Distribution



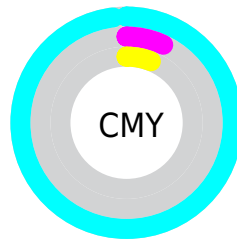
- Red (2%)
- Green (93%)
- Blue (94%)



- Red (2%)
- Yellow (48%)
- Blue (94%)



- Cyan (97%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (98%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06ECF0 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 06ECF0 by changing the saturation by 10% instead.

 06ECF0

 06ECF0

FFFFFF

 00CFD4

 75FFFF

 00B3B8

 98FFFF

 00989D

 B9FFFF

 007E83

 DAFFFF

 00646A

 FAFFFF

 004B52

 00333B

 001C25

 000110

 06ECF0

 06ECF0

 00ECF0

 1EECF0

 36EDF0

 4EEDF0

 66EEF0

 7EEEF0

 96EEF0

 AEEFF0

 C6EFF0

 DEFF00

Harmonies

Analogous

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



68EBC3



06ECF0



00E8FF

Triad

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



06ECF0



FCBFFF



FFCD7E

Complementary

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



06ECF0



F00A06

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.



FFBD94



06ECF0



FFB4E7

Square

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



06ECF0



C2CFFF



FFB3BA



D5DB80

Rectangle

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



06ECF0



57E2FF



FFB3BA



FFC783

Sweetspot

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



06ECF0



B5FEFF



06F00A



537F80



000000



808080

Same Dimension

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



06ECF0



00FBFF



0677F0



6C7878



00B4B8



003738

Inverse Universe

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



F006EC



FF00FB



F07F06



786C78



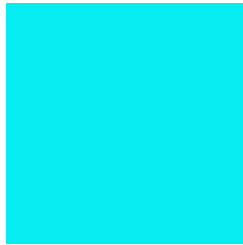
B800B4



380037

Previews

White Background



This preview shows how the Hex color 06ECF0 looks on a white background.

Color Contrast Check

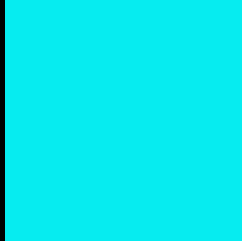
Large Text (above 18pt) WCAG AA × Fail

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 06ECF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

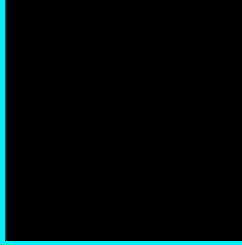
Any Text WCAG AA ✓ Pass

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 06ECF0 Background



This preview shows how black text looks on a background with the Hex color 06ECF0.



This preview shows how white text looks on a background with the Hex color 06ECF0.

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



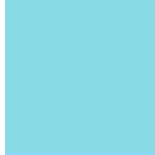


Tritanopia
27EAFD

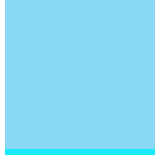
Trichromacy



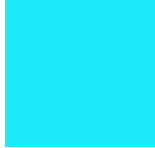
Original Color
06ECF0



Protanomaly
88DBE5



Deuteranomaly
8AD9F4

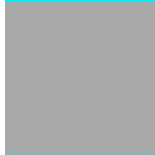


Tritanomaly
1BEBF8

Monochromacy



Original Color
06ECF0



Achromatopsia
A8A8A8



Achromatomaly
6DC1C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 06ECF0 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 #06ECF0 looks like.

```
.text, #text, p{  
    color:#06ECF0  
}
```

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 #06ECF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06ECF0
}
```

Border

The CSS property to change the border of an element to Hex 06ECF0 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
#06ECF0 }
```

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

```
.border{ border-color:#06ECF0 }
```

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

Here you see how a box with a 4 pixel #06ECF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06ECF0; -webkit-box-shadow:4px 4px  
4px 4px #06ECF0; box-shadow:4px 4px 4px  
4px #06ECF0 }
```

Background

The CSS property to change the background color of an element to Hex 06ECF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06ECF0 }
```

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

```
.background{ background-color:#06ECF0 }
```

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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