

Converting Colors

Hex(05EFF1)

Have a look what the booklet for
Hex(05EFF1) contains.

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Color

Hex(05EFF1)

Conversions

Conversions Part 1

Format	Color
Hex	05EFF1
RGB	5, 239, 241
RGB Percent	2%, 94%, 95%
CMY	0.9804, 0.0627, 0.0549
CMYK	0.98, 0.01, 0.00, 0.05
HSL	181°, 96%, 48%
HSV	181°, 98%, 95%
XYZ	46.8063, 68.1161, 93.8999
YIQ	169.2620, -140.1060, -48.9860

Conversions

Conversions Part 2

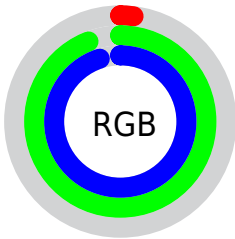
Format	Color
R _{YB}	5, 122, 241
Decimal	389105
CIE Lab	86.06, -45.09, -14.40
CIE LCh	86, 47.332, 197.708
Yxy	68.1161, 0.2241, 0.3262
Android (android.graphics.Color)	4278579185 (0xFF05EFF1)
YUV	169.2620, 35.3668, -144.0578
Hunter-Lab	82.5325, -43.2000, -9.6834

Details

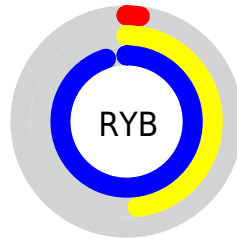
The Hex color **05EFF1** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F10705**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **76FFFF**, and **00B6B9** is the 20% darker color. If you saturate the color by 10%, you get **00EFF1**, and if you desaturate by 10%, it is **1DEFF1**.

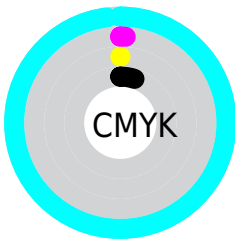
Distribution



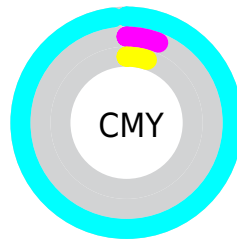
- Red (2%)
- Green (94%)
- Blue (95%)



- Red (2%)
- Yellow (48%)
- Blue (95%)



- Cyan (98%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (98%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05EFF1 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 05EFF1 by changing the saturation by 10% instead.

 05EFF1

 05EFF1

FFFFFF

 00D2D5

 76FFFF

 00B6B9

 99FFFF

 009B9E

 BAffff

 008084

 DAffff

 00666B

 FBffff

 004D53

 00353C

 001F26

 000111

05EFF1

05EFF1

00EFF1

1DEFF1

35EFF1

4DF0F1

65F0F1

7EF0F1

96F0F1

AEF0F1

C6F1F1

DEF1F1

Harmonies

Analogous

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



6BEEC3



05EFF1



00EBFF

Triad

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



05EFF1



FDC2FF



FFCE7F

Complementary

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



05EFF1



F10705

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.



FFBF97



05EFF1



FFB6EC

Square

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



05EFF1



C1D2FF



FFB5BE



DADD80

Rectangle

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



05EFF1



52E5FF



FFB5BE



FFC985

Sweetspot

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



05EFF1



B5FEFF



05F105



537F80



000000



808080

Same Dimension

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



05EFF1



00FDFF



057BF1



6C7878



00B6B8



003838

Inverse Universe

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



F105EF



FF00FD



F17B05



786C78



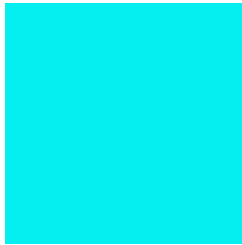
B800B6



380038

Previews

White Background



This preview shows how the Hex color 05EFF1 looks on a white background.

Color Contrast Check

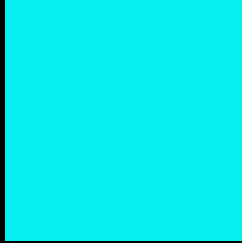
Large Text (above 18pt) WCAG AA × Fail

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 05EFF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

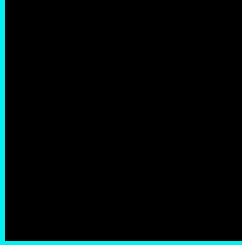
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

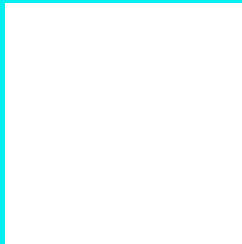
Any Text WCAG AAA ✓ Pass

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

Hex 05EFF1 Background



This preview shows how black text looks on a background with the Hex color 05EFF1.

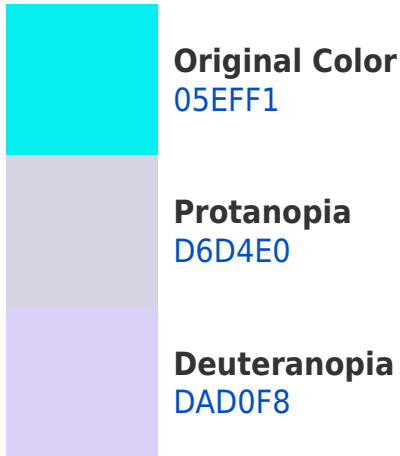


This preview shows how white text looks on a background with the Hex color 05EFF1.

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](#).

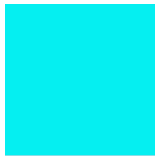
Dichromacy





Tritanopia
37ECFF

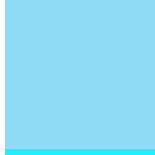
Trichromacy



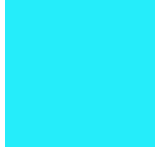
Original Color
05EFF1



Protanomaly
8ADEE6



Deuteranomaly
8DDBF5

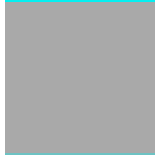


Tritanomaly
25EDFA

Monochromacy



Original Color
05EFF1



Achromatopsia
A9A9A9



Achromatomaly
6DC2C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 05EFF1 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 #05EFF1 looks like.

```
.text, #text, p{  
    color:#05EFF1  
}
```

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 #05EFF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05EFF1  
}
```

Border

The CSS property to change the border of an element to Hex 05EFF1 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  
#05EFF1 }
```

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

```
.border{ border-color:#05EFF1 }
```

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

Here you see how a box with a 4 pixel #05EFF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05EFF1; -webkit-box-shadow:4px 4px  
4px 4px #05EFF1; box-shadow:4px 4px 4px  
4px #05EFF1 }
```

Background

The CSS property to change the background color of an element to Hex 05EFF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05EFF1 }
```

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

```
.background{ background-color:#05EFF1 }
```

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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