

Converting Colors

Hex(10C3EF)

Have a look what the booklet for
Hex(10C3EF) contains.

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Color

Hex(10C3EF)

Conversions

Conversions Part 1

Format	Color
Hex	10C3EF
RGB	16, 195, 239
RGB Percent	6%, 76%, 94%
CMY	0.9373, 0.2353, 0.0627
CMYK	0.93, 0.18, 0.00, 0.06
HSL	192°, 87%, 50%
HSV	192°, 93%, 94%
XYZ	35.3088, 45.3724, 88.5581
YIQ	146.4950, -120.8080, -24.2640

Conversions

Conversions Part 2

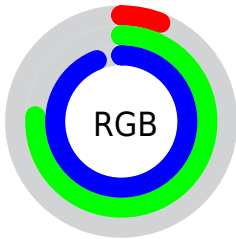
Format	Color
R _Y B	16, 115, 239
Decimal	1098735
CIE Lab	73.14, -24.78, -33.01
CIE LCh	73, 41.270, 233.107
Yxy	45.3724, 0.2086, 0.2681
Android (android.graphics.Color)	4279288815 (0xFF10C3EF)
YUV	146.4950, 45.6050, -114.4441
Hunter-Lab	67.3590, -24.3107, -30.7983

Details

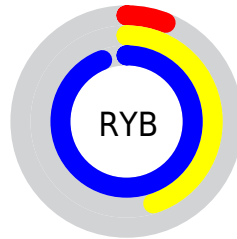
The Hex color **10C3EF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EF3C10**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **71FCFF**, and **008DB7** is the 20% darker color. If you saturate the color by 10%, you get **00C0EF**, and if you desaturate by 10%, it is **28C8EF**.

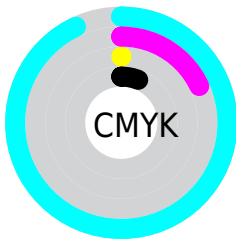
Distribution



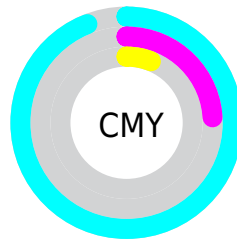
- Red (6%)
- Green (76%)
- Blue (94%)



- Red (6%)
- Yellow (45%)
- Blue (94%)



- Cyan (93%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (94%)
- Magenta (24%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10C3EF 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 10C3EF by changing the saturation by 10% instead.

 10C3EF

 10C3EF

FFFFFF

 00A8D3

 71FCFF

 008DB7

 93FFFF

 00739C

 B3FFFF

 005B82

 D3FFFF

 004368

 F3FFFF

 002C50

 001639

 000223

 00000A

■ 10C3EF

■ 10C3EF

■ 00C0EF

■ 28C8EF

■ 40CCEF

■ 58D1EF

■ 70D6EF

■ 87DBEF

■ 9FDFEF

■ B7E4EF

■ CFE9EF

■ E7EDEF

Harmonies

Analogous

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



00C7D0



10C3EF



6BBAFE

Triad

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



10C3EF



F697BE



AEBA6D

Complementary

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



10C3EF



EF3C10

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.



D4AE68



10C3EF



FD9798

Square

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



10C3EF



DB9FE1



F0A178



82C385

Rectangle

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



10C3EF



97B2FD



F0A178



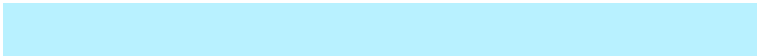
BCB769

Sweetspot

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



10C3EF



B8F1FF



10EF39



547780



000000



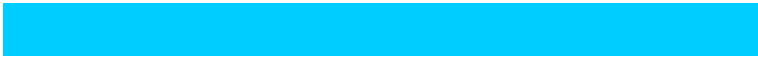
808080

Same Dimension

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



10C3EF



00CDFF



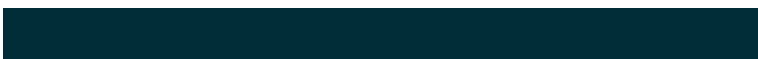
1057EF



6C7578



0093B8



002D38

Inverse Universe

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



EF10C3



FF00CD



EFA810



786C75



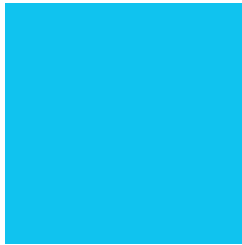
B80093



38002D

Previews

White Background



This preview shows how the Hex color 10C3EF looks on a white background.

Color Contrast Check

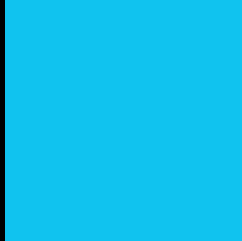
Large Text (above 18pt) WCAG AA × Fail

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 10C3EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

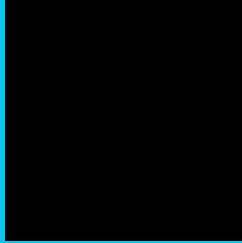
Any Text WCAG AA ✓ Pass

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 10C3EF Background



This preview shows how black text looks on a background with the Hex color 10C3EF.

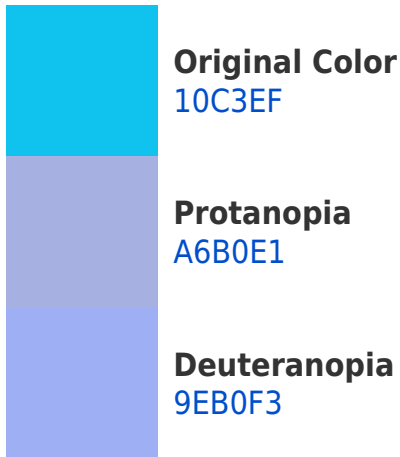


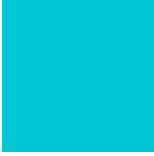
This preview shows how white text looks on a background with the Hex color 10C3EF.

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
00C6D6

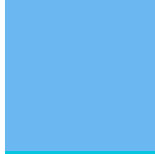
Trichromacy



Original Color
10C3EF



Protanomaly
6FB7E6



Deuteranomaly
6AB7F2



Tritanomaly
06C5DF

Monochromacy



Original Color
10C3EF



Achromatopsia
929292



Achromatomaly
63A4B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 10C3EF 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 #10C3EF looks like.

```
.text, #text, p{  
    color:#10C3EF  
}
```

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 #10C3EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10C3EF
}
```

Border

The CSS property to change the border of an element to Hex 10C3EF 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
#10C3EF }
```

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

```
.border{ border-color:#10C3EF }
```

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

Here you see how a box with a 4 pixel #10C3EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10C3EF; -webkit-box-shadow:4px 4px  
4px 4px #10C3EF; box-shadow:4px 4px 4px  
4px #10C3EF }
```

Background

The CSS property to change the background color of an element to Hex 10C3EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10C3EF }
```

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

```
.background{ background-color:#10C3EF }
```

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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