

Converting Colors

Hex(10DFFF)

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

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Color

Hex(10DFFF)

Conversions

Conversions Part 1

Format	Color
Hex	10DFFF
RGB	16, 223, 255
RGB Percent	6%, 87%, 100%
CMY	0.9373, 0.1255, 0.0000
CMYK	0.94, 0.13, 0.00, 0.00
HSL	188°, 100%, 53%
HSV	188°, 94%, 100%
XYZ	44.6514, 60.1055, 103.8559
YIQ	164.7550, -133.6440, -33.9320

Conversions

Conversions Part 2

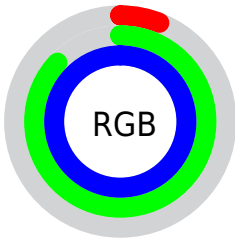
Format	Color
R _Y B	16, 127, 255
Decimal	1105919
CIE Lab	81.90, -33.27, -28.09
CIE LCh	82, 43.545, 220.169
Yxy	60.1055, 0.2140, 0.2881
Android (android.graphics.Color)	4279295999 (0xFF10DFFF)
YUV	164.7550, 44.4908, -130.4581
Hunter-Lab	77.5277, -32.8682, -25.1553

Details

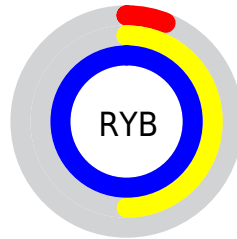
The Hex color **10DFFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF3010**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **77FFFF**, and **00A7C6** is the 20% darker color. If you saturate the color by 10%, you get **00DDFF**, and if you desaturate by 10%, it is **2AE2FF**.

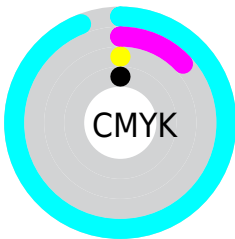
Distribution



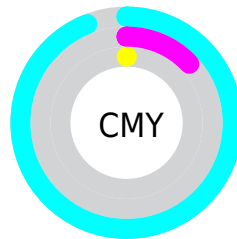
- Red (6%)
- Green (87%)
- Blue (100%)



- Red (6%)
- Yellow (50%)
- Blue (100%)



- Cyan (94%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 10DFFF

 10DFFF

FFFFFF

 00C3E2

 77FFFF

 00A7C6

 9AFFFF

 008DAB

 BBFFFF

 007390

 DBFFFF

 005A77

 FBFFFF

 00425E

 002B46

 001030

 00011A

 10DFFF

 10DFFF

 00DDFF

 2AE2FF

 43E6FF

 5DE9FF

 76EDFF

 90F0FF

 A9F3FF

 C3F7FF

 DCFAFF

 F6FEFF

Harmonies

Analogous

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



3CE2D9



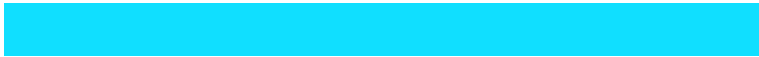
10DFFF



5FD7FF

Triad

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



10DFFF



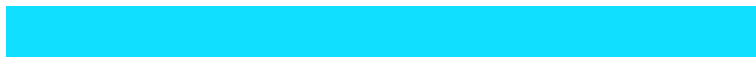
FFB0E8



D9CE7A

Complementary

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



10DFFF



FF3010

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.



FEC07F



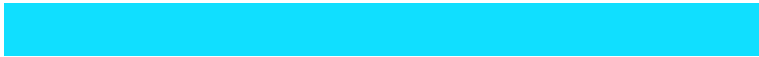
10DFFF



FFACBF

Square

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



10DFFF



E2BCFF



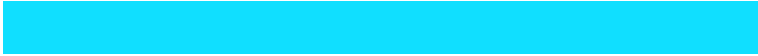
FFB399



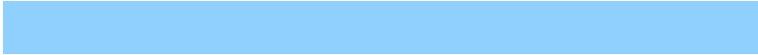
ACD98C

Rectangle

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



10DFFF



90D0FF



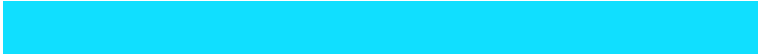
FFB399



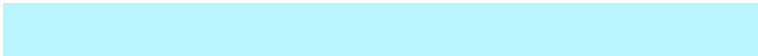
E6C979

Sweetspot

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



10DFFF



B8F5FF



10FF30



547A80



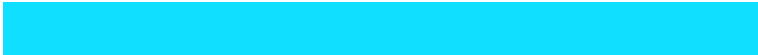
000000



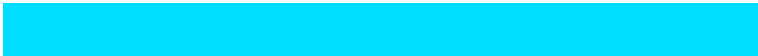
808080

Same Dimension

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



10DFFF



00DDFF



1068FF



737E80



00A6BF



003740

Inverse Universe

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



FF10DF



FF00DD



FFA710



80737E



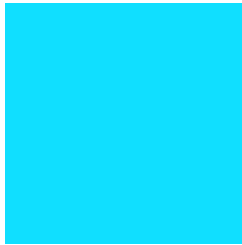
BF00A6



400037

Previews

White Background



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

Color Contrast Check

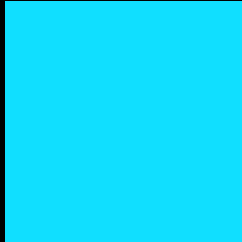
Large Text (above 18pt) WCAG AA × Fail

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 10DFFF 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 10DFFF Background



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

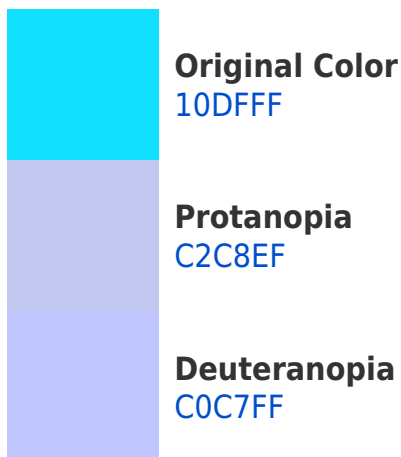


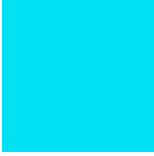
This preview shows how white text looks on a background with the Hex color 10DFFF.

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
00E1F3

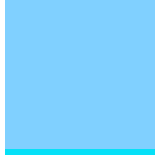
Trichromacy



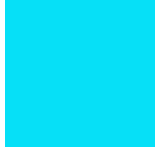
Original Color
10DFFF



Protanomaly
81D0F5



Deuteranomaly
80D0FF

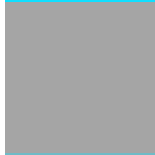


Tritanomaly
06E0F7

Monochromacy



Original Color
10DFFF



Achromatopsia
A5A5A5



Achromatomaly
6FBAC6

CSS Examples

Text

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

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

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 #10DFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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