

Converting Colors

Hex(10D4FF)

Have a look what the booklet for
Hex(10D4FF) contains.

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Color

Hex(10D4FF)

Conversions

Conversions Part 1

Format	Color
Hex	10D4FF
RGB	16, 212, 255
RGB Percent	6%, 83%, 100%
CMY	0.9373, 0.1686, 0.0000
CMYK	0.94, 0.17, 0.00, 0.00
HSL	191°, 100%, 53%
HSV	191°, 94%, 100%
XYZ	41.8072, 54.4171, 102.9078
YIQ	158.2980, -130.6190, -28.1790

Conversions

Conversions Part 2

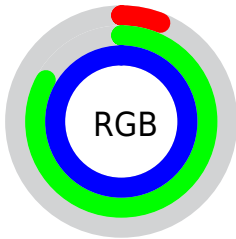
Format	Color
R _Y B	16, 124, 255
Decimal	1103103
CIE Lab	78.70, -27.95, -32.99
CIE LCh	79, 43.240, 229.723
Yxy	54.4171, 0.2099, 0.2733
Android (android.graphics.Color)	4279293183 (0xFF10D4FF)
YUV	158.2980, 47.6741, -124.7953
Hunter-Lab	73.7680, -27.9311, -31.0732

Details

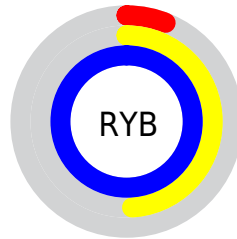
The Hex color **10D4FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF3B10**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **76FFFF**, and **009DC6** is the 20% darker color. If you saturate the color by 10%, you get **00D1FF**, and if you desaturate by 10%, it is **2AD9FF**.

Distribution



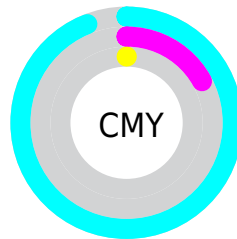
- Red (6%)
- Green (83%)
- Blue (100%)



- Red (6%)
- Yellow (49%)
- Blue (100%)



- Cyan (94%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10D4FF 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 10D4FF by changing the saturation by 10% instead.

 10D4FF

 10D4FF

FFFFFF

 00B8E2

 76FFFF

 009DC6

 98FFFF

 0083AB

 B9FFFF

 006990

 D9FFFF

 005176

 FAFFFF

 00395D

 002545

 00042F

 000119

 10D4FF

 10D4FF

 00D1FF

 2AD9FF

 43DDFF

 5DE2FF

 76E6FF

 90EBFF

 A9F0FF

 C3F4FF

 DCF9FF

 F6FDFF

Harmonies

Analogous

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



0FD8DD



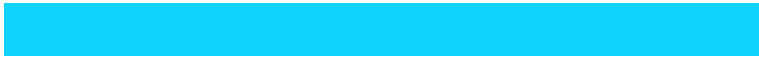
10D4FF



6ECBFF

Triad

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



10D4FF



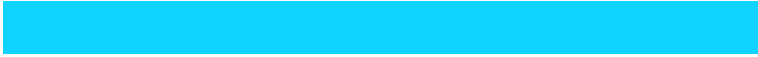
FFA5D2



C2C976

Complementary

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



10D4FF



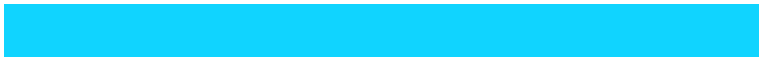
FF3B10

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.



E9BC73



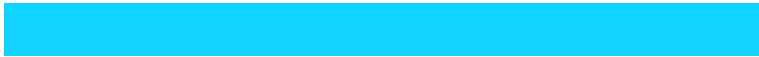
10D4FF



FFA4AA

Square

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



10D4FF



E8AFF7



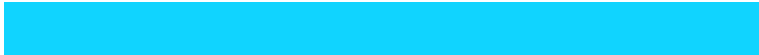
FFAE87



94D28D

Rectangle

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



10D4FF



9DC2FF



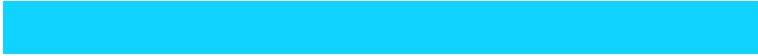
FFAE87



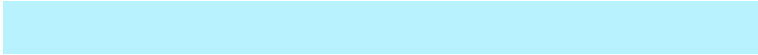
D0C572

Sweetspot

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



10D4FF



B8F2FF



10FF38



547880



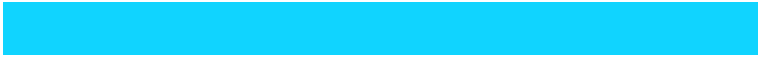
000000



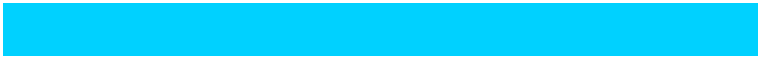
808080

Same Dimension

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



10D4FF



00D1FF



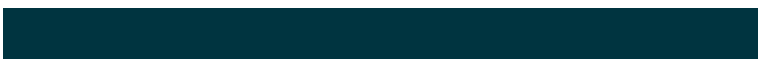
1060FF



737D80



009DBF



003440

Inverse Universe

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



FF10D4



FF00D1



FFAF10



80737D



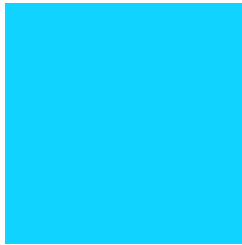
BF009D



400034

Previews

White Background



This preview shows how the Hex color 10D4FF looks on a white background.

Color Contrast Check

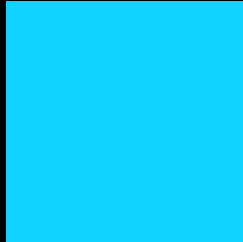
Large Text (above 18pt) WCAG AA × Fail

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 10D4FF 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 10D4FF Background



This preview shows how black text looks on a background with the Hex color 10D4FF.

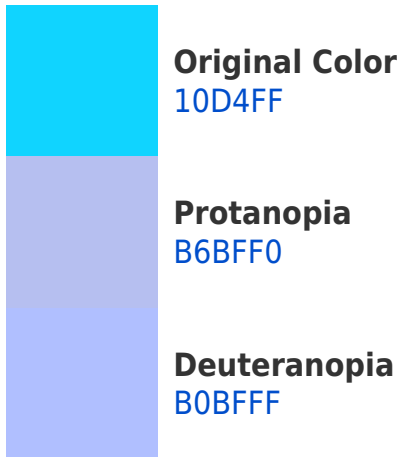


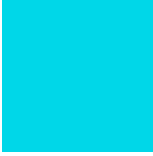
This preview shows how white text looks on a background with the Hex color 10D4FF.

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
00D7E8

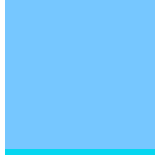
Trichromacy



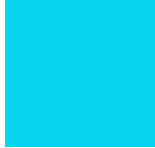
Original Color
10D4FF



Protanomaly
7AC7F5



Deuteranomaly
76C7FF



Tritanomaly
06D6F0

Monochromacy



Original Color
10D4FF



Achromatopsia
9E9E9E



Achromatomaly
6AB2C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 10D4FF 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 #10D4FF looks like.

```
.text, #text, p{  
    color:#10D4FF  
}
```

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 #10D4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10D4FF
}
```

Border

The CSS property to change the border of an element to Hex 10D4FF 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
#10D4FF }
```

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

```
.border{ border-color:#10D4FF }
```

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

Here you see how a box with a 4 pixel #10D4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10D4FF; -webkit-box-shadow:4px 4px  
4px 4px #10D4FF; box-shadow:4px 4px 4px  
4px #10D4FF }
```

Background

The CSS property to change the background color of an element to Hex 10D4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10D4FF }
```

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

```
.background{ background-color:#10D4FF }
```

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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