

# Converting Colors

Hex(0DFFFF)

Have a look what the booklet for  
Hex(0DFFFF) contains.

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# **Color**

**Hex(0DFFFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DFFFF
RGB	13, 255, 255
RGB Percent	5%, 100%, 100%
CMY	0.9490, 0.0000, 0.0000
CMYK	0.95, 0.00, 0.00, 0.00
HSL	180°, 100%, 53%
HSV	180°, 95%, 100%
XYZ	53.9760, 78.8256, 106.9778
YIQ	182.6420, -144.2320, -51.3040

# Conversions

## Conversions Part 2

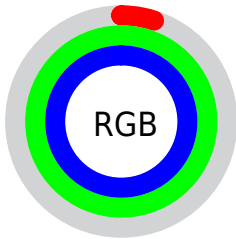
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	13, 134, 255
Decimal	917503
CIE Lab	91.16, -47.82, -14.08
CIE LCh	91, 49.851, 196.401
Yxy	78.8256, 0.2251, 0.3287
Android (android.graphics.Color)	4279107583 (0xFF0DFFFF)
YUV	182.6420, 35.6725, -148.7760
Hunter-Lab	88.7838, -46.8527, -9.2914

# Details

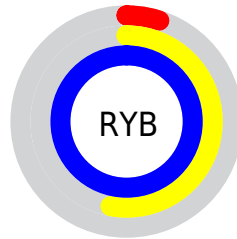
The Hex color **0DFFFF** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FF0D0D**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **7BFFFF**, and **00C5C6** is the 20% darker color. If you saturate the color by 10%, you get **00FFFF**, and if you desaturate by 10%, it is **27FFFF**.

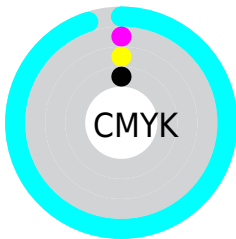
# Distribution



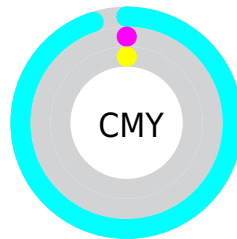
- Red (5%)
- Green (100%)
- Blue (100%)



- Red (5%)
- Yellow (53%)
- Blue (100%)



- Cyan (95%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (95%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0DFFFF 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 0DFFFF by changing the saturation by 10% instead.



 0DFFFF

 0DFFFF

FFFFFF

 00E2E2

 7BFFFF

 00C5C6

 9FFFFFF

 00AAAB

 C0FFFF

 008E91

 E1FFFF

 007477

 005A5E

 004247

 002C30

 00091C

 0DFFFF

 0DFFFF

 00FFFF

 27FFFF

 40FFFF

 5AFFFF

 73FFFF

 8DFFFF

 A6FFFF

 C0FFFF

 D9FFFF

 F3FFFF

# Harmonies

## Analogous

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



75FECE



0DFFFF



00FBFF

# Triad

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



0DFFFF



FFD0FF



FFDB89

# Complementary

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



0DFFFF



FF0D0D

# 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.



FFCBA2



0DFFFF



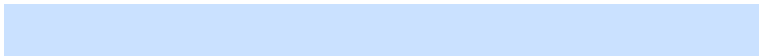
FFC2FD

# Square

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



0DFFFF



CAE1FF



FFC1CD



EAEB88

# Rectangle

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



0DFFFF



52F5FF



FFC1CD



FFD68F



# Sweetspot

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



0DFFFF



B8FFFF



0DFF0D



548080



000000



808080



# Same Dimension

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



0DFFFF



00FFFF



0D86FF



738080



00BFBF



004040



# Inverse Universe

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



FF0DFF



FF00FF



FF860D



807380



BF00BF

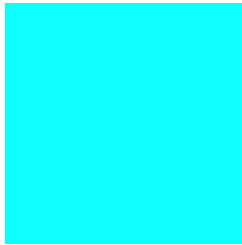


400040



# Previews

## White Background



This preview shows how the Hex color 0DFFFF looks on a white background.

## Color Contrast Check

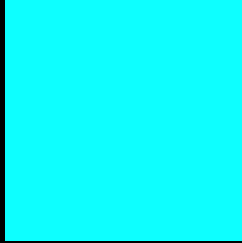
Large Text (above 18pt) WCAG AA × Fail

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 0DFFFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

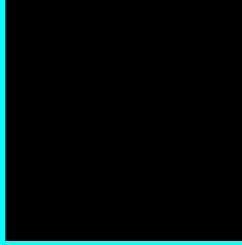
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0DFFFF Background



This preview shows how black text looks on a background with the Hex color 0DFFFF.

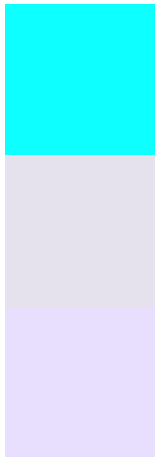


This preview shows how white text looks on a background with the Hex color 0DFFFF.

# 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



**Original Color**  
0DFFFF

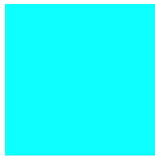
**Protanopia**  
E5E2ED

**Deuteranopia**  
E8DFFF



**Tritanopia**  
9CF2FF

# Trichromacy



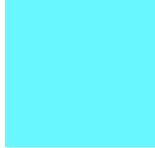
**Original Color**  
0DFFFF



**Protanomaly**  
96EDF4



**Deuteranomaly**  
98EBFF

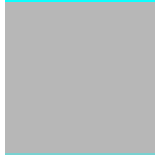


**Tritanomaly**  
68F7FF

# Monochromacy



**Original Color**  
0DFFFF



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
79D1D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0DFFFF 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 #0DFFFF looks like.

```
.text, #text, p{  
    color:#0DFFFF  
}
```

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 #0DFFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DFFFF }  
}
```

## Border

The CSS property to change the border of an element to Hex 0DFFFF 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 #0DFFFF }  
}
```

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

```
.border{ border-color:#0DFFFF }
```

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

Here you see how a box with a 4 pixel #0DFFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DFFFF; -webkit-box-shadow:4px 4px  
4px 4px #0DFFFF; box-shadow:4px 4px 4px  
4px #0DFFFF }
```

# Background

The CSS property to change the background color of an element to Hex 0DFFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DFFFF }
```

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

```
.background{ background-color:#0DFFFF }
```

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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