

# Converting Colors

Hex(0D0AFF)

Have a look what the booklet for  
Hex(0D0AFF) contains.

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# Color

**Hex(0D0AFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D0AFF
RGB	13, 10, 255
RGB Percent	5%, 4%, 100%
CMY	0.9490, 0.9608, 0.0000
CMYK	0.95, 0.96, 0.00, 0.00
HSL	241°, 100%, 52%
HSV	241°, 96%, 100%
XYZ	18.3245, 7.5226, 95.0939
YIQ	38.8270, -76.8570, 76.8310

# Conversions

## Conversions Part 2

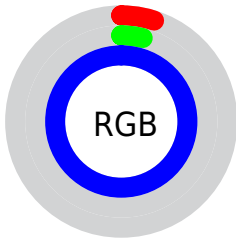
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	13, 10, 255
Decimal	854783
CIE Lab	32.97, 77.78, -106.75
CIE LCh	33, 132.075, 306.078
Yxy	7.5226, 0.1515, 0.0622
Android (android.graphics.Color)	4279044863 (0xFF0D0AFF)
YUV	38.8270, 106.5733, -22.6503
Hunter-Lab	27.4274, 71.2594, -186.3657

# Details

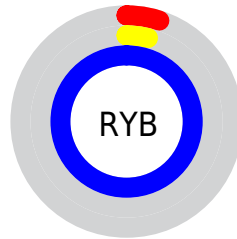
The Hex color **0D0AFF** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **FCFF0A**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7B4BFF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **0300FF**, and if you desaturate by 10%, it is **2623FF**.

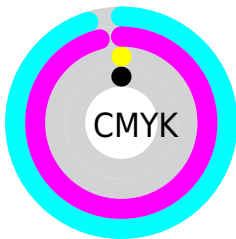
# Distribution



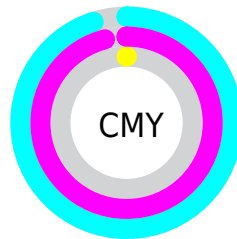
- Red (5%)
- Green (4%)
- Blue (100%)



- Red (5%)
- Yellow (4%)
- Blue (100%)



- Cyan (95%)
- Magenta (96%)
- Yellow (0%)
- Black (0%)



- Cyan (95%)
- Magenta (96%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D0AFF 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 0D0AFF by changing the saturation by 10% instead.



 0D0AFF

 0D0AFF

FFFFFF

 0000E1

 7B4BFF

 0000C4

 9E66FF

 0000A8

 C082FF

 00008C


 E29EFF

 001171

 FFBAFF

 000C58

 FFD7FF

 00073F

 FFF4FF

 000329

 000112

 0D0AFF

 0D0AFF

 0300FF

 2623FF

 3F3DFF

 5957FF

 7270FF

 8B8AFF

 A4A3FF

 BDBDFF

 D7D6FF

 F0F0FF

# Harmonies

## Analogous

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



005FFF



0D0AFF



CC00A5

# Triad

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



0D0AFF



9E0F00



006A62

# Complementary

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



0000FF



FFFF00

# 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.



006700



0D0AFF



4C5200

# Square

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



0D0AFF



D60000



006300



006ECB

# Rectangle

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



0D0AFF



EA0061



006300



00693D



# Sweetspot

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



0D0AFF



B6B5FF



0AFFFF



535380



000000



808080



# Same Dimension

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



0D0AFF



0300FF



840AFF



737380



0200BF



010040



# Inverse Universe

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



FF0AFC



FF00FC



84FF0A



80737F



BF00BD

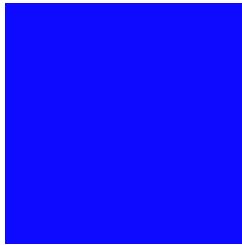


40003F



# Previews

## White Background



This preview shows how the Hex color 0000FF looks on a white background.

## Color Contrast Check

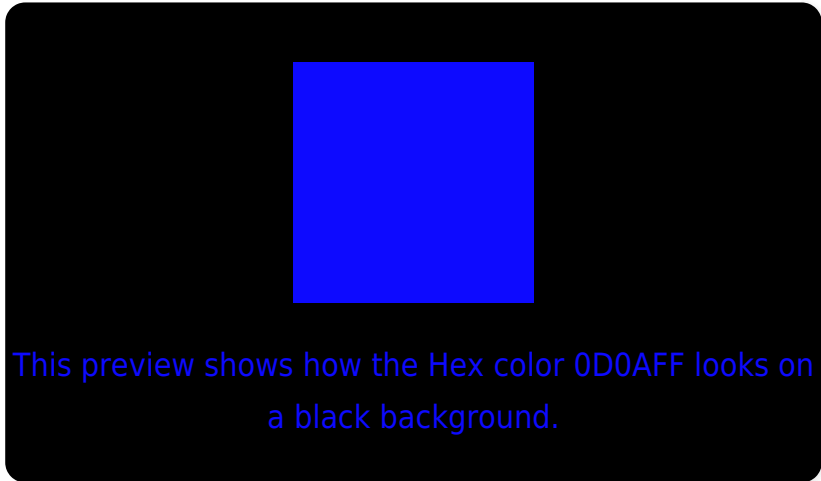
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

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



## Hex 0D0AFF Background



This preview shows how black text looks on a background with the Hex color 0D0AFF.



This preview shows how white text looks on a background with the Hex color 0D0AFF.

# 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**  
0D0AFF

**Protanopia**  
004B9D

**Deuteranopia**  
005085

# Trichromacy



**Original Color**  
0D0AFF

**Protanomaly**  
0533C1

**Deuteranomaly**  
0537B1

# Monochromacy



**Original Color**  
0D0AFF

**Achromatopsia**  
272727

**Achromatomaly**  
1E1C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D0AFF 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 #0D0AFF looks like.

```
.text, #text, p{  
  color:#0D0AFF  
}
```

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 #0D0AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0AFF
}
```

## Border

The CSS property to change the border of an element to Hex 0D0AFF 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".

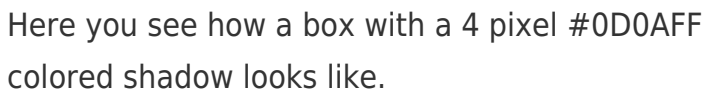
```
.border, #border, table{ border:4px solid
#0D0AFF }
```

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

```
.border{ border-color:#0D0AFF }
```

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

Here you see how a box with a 4 pixel #0D0AFF colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px blue shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0AFF; -webkit-box-shadow:4px 4px  
4px 4px #0D0AFF; box-shadow:4px 4px 4px  
4px #0D0AFF }
```

# Background

The CSS property to change the background color of an element to Hex 0D0AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0AFF }
```

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

```
.background{ background-color:#0D0AFF }
```

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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