

# Converting Colors

Hex(0A0FF5)

Have a look what the booklet for  
Hex(0A0FF5) contains.

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# Color

Hex(0A0FF5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A0FF5
RGB	10, 15, 245
RGB Percent	4%, 6%, 96%
CMY	0.9608, 0.9412, 0.0392
CMYK	0.96, 0.94, 0.00, 0.04
HSL	239°, 92%, 50%
HSV	239°, 96%, 96%
XYZ	16.7774, 6.9987, 86.8528
YIQ	39.7250, -76.8100, 70.4700

# Conversions

## Conversions Part 2

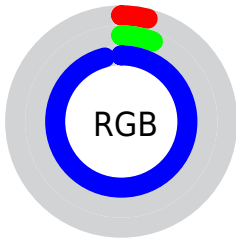
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 15, 245
Decimal	659445
CIE <sub>Lab</sub>	31.80, 74.43, -103.06
CIE <sub>LCh</sub>	32, 127.126, 305.835
Yxy	6.9987, 0.1517, 0.0633
Android (android.graphics.Color)	4278849525 (0xFF0A0FF5)
YUV	39.7250, 101.2006, -26.0688
Hunter-Lab	26.4552, 66.9053, -176.1317

# Details

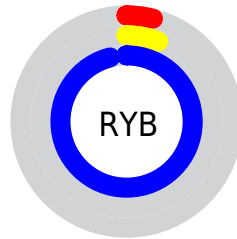
The Hex color **0A0FF5** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **F5F00A**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **774CFF**, and **0000BB** is the 20% darker color. If you saturate the color by 10%, you get **0005F5**, and if you desaturate by 10%, it is **2227F5**.

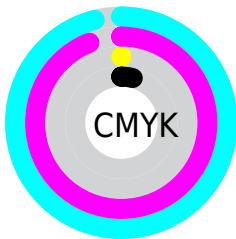
# Distribution



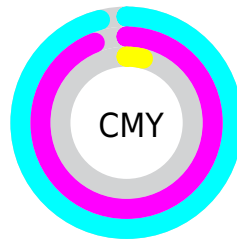
- Red (4%)
- Green (6%)
- Blue (96%)



- Red (4%)
- Yellow (6%)
- Blue (96%)



- Cyan (96%)
- Magenta (94%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (94%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A0FF5 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 0A0FF5 by changing the saturation by 10% instead.



 0A0FF5

 0A0FF5

FFFFFF

 0000D8

 774CFF

 0000BB

 9B67FF

 00009F

 BC82FF

 000083

 DD9DFF

 001169

 FEB9FF

 000A50

 FFD6FF

 000538

 FFF3FF

 000221

 000007

■ 0A0FF5

■ 0A0FF5

■ 0005F5

■ 2227F5

■ 3B3FF5

■ 5457F5

■ 6C6FF5

■ 8487F5

■ 9D9FF5

■ B6B7F5

■ CECFF5

■ E7E7F5

# Harmonies

## Analogous

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



005BFF



0A0FF5



C400A0

# Triad

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



0A0FF5



980F00



00665D

# Complementary

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



0A0FF5



F5F00A

# 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.



006400



0A0FF5



4B4F00

# Square

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



0A0FF5



CE0000



005F00



006AC2

# Rectangle

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



0A0FF5



E0005E



005F00



00653A



# Sweetspot

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



0A0FF5



B5B7FF



0AF5ED



535480



000000



808080



# Same Dimension

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



0A0FF5



0005FF



780AF5



6E6E7A



0004BA



00013B



# Inverse Universe

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



F50A0F



FF0005



87F50A



7A6E6E



BA0004

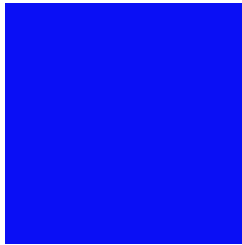


3B0001



# Previews

## White Background



This preview shows how the Hex color 0A0FF5 looks on a white background.

## Color Contrast Check

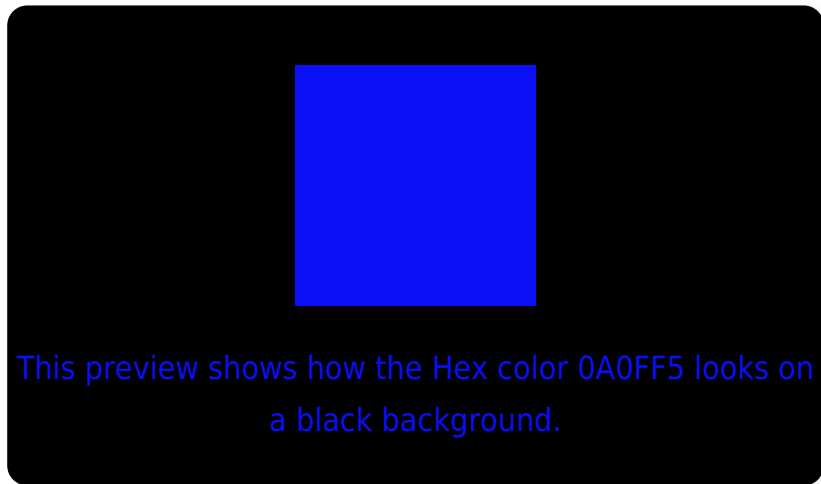
Large Text (above 18pt) WCAG AA ✓ Pass

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

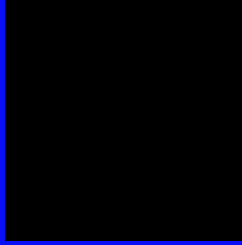
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A0FF5 Background



This preview shows how black text looks on a background with the Hex color 0A0FF5.



This preview shows how white text looks on a background with the Hex color 0A0FF5.

# 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**  
0A0FF5

**Protanopia**  
004898

**Deuteranopia**  
004D80



# Trichromacy



**Original Color**  
0A0FF5

**Protanomaly**  
0433BA

**Deuteranomaly**  
0436AB

**Tritanomaly**  
043A90

# Monochromacy



**Original Color**  
0A0FF5

**Achromatopsia**  
282828

**Achromatomaly**  
1D1F73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A0FF5 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 #0A0FF5 looks like.

```
.text, #text, p{  
    color:#0A0FF5  
}
```

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 #0A0FF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A0FF5
}
```

## Border

The CSS property to change the border of an element to Hex 0A0FF5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

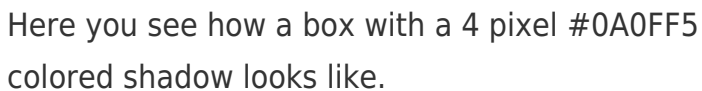
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A0FF5 }
```

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

```
.border{ border-color:#0A0FF5 }
```

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



Here you see how a box with a 4 pixel #0A0FF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A0FF5; -webkit-box-shadow:4px 4px  
4px 4px #0A0FF5; box-shadow:4px 4px 4px  
4px #0A0FF5 }
```

# Background

The CSS property to change the background color of an element to Hex 0A0FF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A0FF5 }
```

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

```
.background{ background-color:#0A0FF5 }
```

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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