

# Converting Colors

Hex(3D0AFF)

Have a look what the booklet for  
Hex(3D0AFF) contains.

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# Color

**Hex(3D0AFF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D0AFF
RGB	61, 10, 255
RGB Percent	24%, 4%, 100%
CMY	0.7608, 0.9608, 0.0000
CMYK	0.76, 0.96, 0.00, 0.00
HSL	252°, 100%, 52%
HSV	252°, 96%, 100%
XYZ	20.0830, 8.4292, 95.1762
YIQ	53.1790, -48.2490, 87.0070

# Conversions

## Conversions Part 2

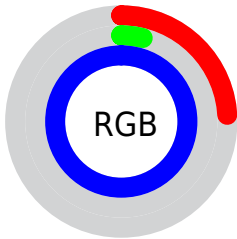
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	61, 10, 255
Decimal	4000511
CIE Lab	34.86, 78.58, -103.54
CIE LCh	35, 129.978, 307.196
Yxy	8.4292, 0.1624, 0.0681
Android (android.graphics.Color)	4282190591 (0xFF3D0AFF)
YUV	53.1790, 99.4978, 6.8590
Hunter-Lab	29.0331, 72.6658, -174.0415

# Details

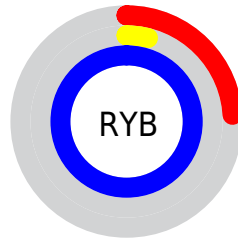
The Hex color **3D0AFF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **CCFF0A**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **8D4EFF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **3500FF**, and if you desaturate by 10%, it is **5123FF**.

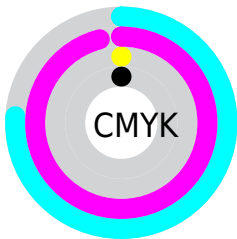
# Distribution



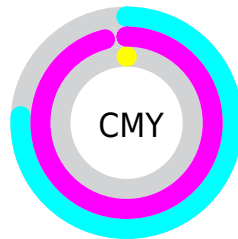
- Red (24%)
- Green (4%)
- Blue (100%)



- Red (24%)
- Yellow (4%)
- Blue (100%)



- Cyan (76%)
- Magenta (96%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (96%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D0AFF 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 3D0AFF by changing the saturation by 10% instead.



 3D0AFF	 3D0AFF
 FFFFFFFF	 0000E1
 8D4EFF	 0000C4
 AF69FF	 0000A8
 D085FF	 00008C
 F0A1FF	 000B72
 FFBEFF	 000C58
 FFDBFF	 000740
 FFF8FF	 000329
	 000112

 3D0AFF

 3D0AFF

 3500FF

 5123FF

 653DFF

 7A57FF

 8E70FF

 A28AFF

 B6A3FF

 CABDFF

 DFD6FF

 F3F0FF

# Harmonies

## Analogous

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



0061FF



3D0AFF



D300A5

# Triad

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



3D0AFF



A01F00



006F6A

# Complementary

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



3D0AFF



CCFF0A

# 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.



006C00



3D0AFF



4E5800

# Square

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



3D0AFF



DA0000



006800



0073D2

# Rectangle

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



3D0AFF



EF0061



006800



006E46



# Sweetspot

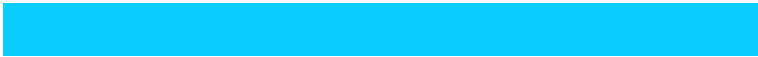
The Sweet Spot groups the original color and five complimentary colors.



3D0AFF



C4B5FF



0ACEFF



5C5380



000000



808080



# Same Dimension

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



3D0AFF



3500FF



B60AFF



757380



2800BF



0D0040



# Inverse Universe

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



FF0ACC



FF00CA



54FF0A



80737D



BF0097

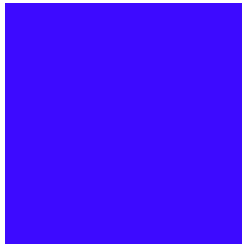


400032



# Previews

## White Background



This preview shows how the Hex color 3D0AFF looks on a white background.

## Color Contrast Check

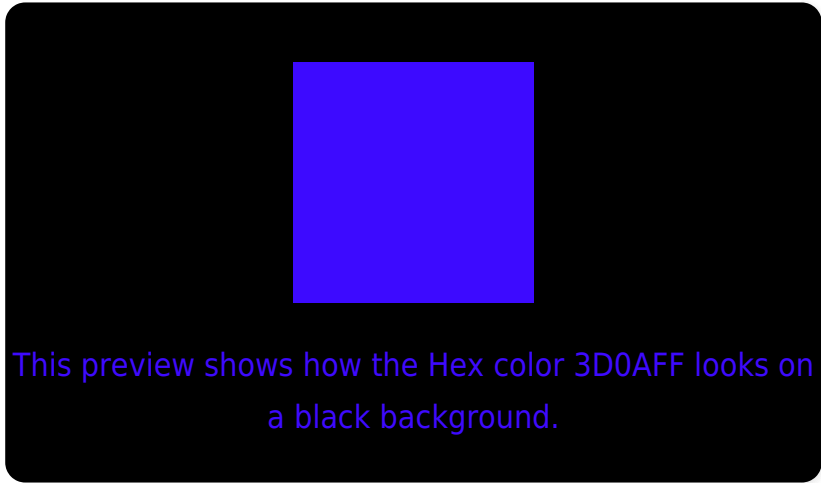
Large Text (above 18pt) WCAG AA ✓ Pass

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

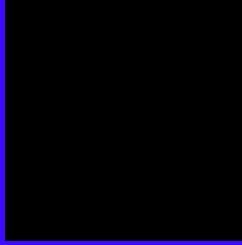
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D0AFF Background



This preview shows how black text looks on a background with the Hex color 3D0AFF.



This preview shows how white text looks on a background with the Hex color 3D0AFF.

# 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**  
3D0AFF

**Protanopia**  
004FA6

**Deuteranopia**  
00548D



**Tritanopia**  
005B60

# Trichromacy



**Original Color**  
3D0AFF

**Protanomaly**  
1636C6

**Deuteranomaly**  
1639B6

**Tritanomaly**  
163E9A

# Monochromacy



**Original Color**  
3D0AFF

**Achromatopsia**  
353535

**Achromatomaly**  
38257E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D0AFF 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 #3D0AFF looks like.

```
.text, #text, p{  
    color:#3D0AFF  
}
```

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 #3D0AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D0AFF
}
```

## Border

The CSS property to change the border of an element to Hex 3D0AFF 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
#3D0AFF }
```

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

```
.border{ border-color:#3D0AFF }
```

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

Here you see how a box with a 4 pixel #3D0AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D0AFF; -webkit-box-shadow:4px 4px  
4px 4px #3D0AFF; box-shadow:4px 4px 4px  
4px #3D0AFF }
```

# Background

The CSS property to change the background color of an element to Hex 3D0AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D0AFF }
```

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

```
.background{ background-color:#3D0AFF }
```

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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