

Converting Colors

Hex(0D7AF6)

Have a look what the booklet for
Hex(0D7AF6) contains.

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Color

Hex(0D7AF6)

Conversions

Conversions Part 1

Format	Color
Hex	0D7AF6
RGB	13, 122, 246
RGB Percent	5%, 48%, 96%
CMY	0.9490, 0.5216, 0.0353
CMYK	0.95, 0.50, 0.00, 0.04
HSL	212°, 93%, 51%
HSV	212°, 95%, 96%
XYZ	23.7601, 20.6585, 89.9240
YIQ	103.5450, -104.7680, 15.4560

Conversions

Conversions Part 2

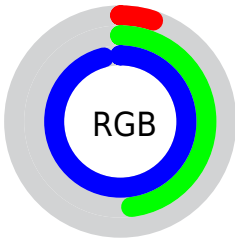
Format	Color
R _Y B	13, 87, 246
Decimal	883446
CIE Lab	52.57, 19.40, -69.41
CIE LCh	53, 72.073, 285.612
Yxy	20.6585, 0.1769, 0.1538
Android (android.graphics.Color)	4279073526 (0xFF0D7AF6)
YUV	103.5450, 70.2303, -79.4080
Hunter-Lab	45.4516, 13.7716, -85.4866

Details

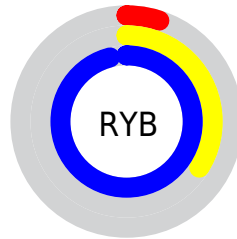
The Hex color **0D7AF6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F6890D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **70AEFF**, and **004BBD** is the 20% darker color. If you saturate the color by 10%, you get **0073F6**, and if you desaturate by 10%, it is **2687F6**.

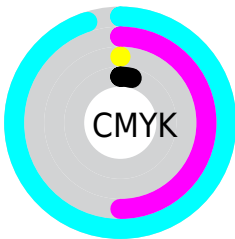
Distribution



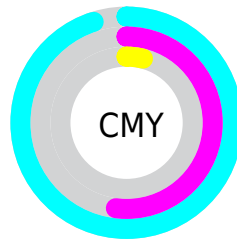
- Red (5%)
- Green (48%)
- Blue (96%)



- Red (5%)
- Yellow (34%)
- Blue (96%)



- Cyan (95%)
- Magenta (50%)
- Yellow (0%)
- Black (4%)



- Cyan (95%)
- Magenta (52%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D7AF6 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 0D7AF6 by changing the saturation by 10% instead.

 0D7AF6

 0D7AF6

FFFFFF

 0062D9

 70AEFF

 004BBE

 92C9FF

 0035A1

 B2E5FF

 002286

 D2FFFF

 000D6C

 F1FFFF

 000B53

 00063B

 000224

 00000C

■ 0D7AF6

■ 0D7AF6

■ 0073F6

■ 2687F6

■ 3E94F6

■ 57A1F6

■ 6FAEF6

■ 88BBF6

■ A1C9F6

■ B9D6F6

■ D2E3F6

■ EAF0F6

Harmonies

Analogous

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



008DF6



0D7AF6



A75CD5

Triad

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



0D7AF6



D75225



00975C

Complementary

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



0D7AF6



F6890D

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.



269118



0D7AF6



B07000

Square

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



0D7AF6



E93460



7A8500



00999D

Rectangle

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



0D7AF6



CF44B2



7A8500



009547

Sweetspot

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



0D7AF6



B8D9FF



0DF685



546880



000000



808080

Same Dimension

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



0D7AF6



0077FF



110DF6



6E747A



0057BA



001B3B

Inverse Universe

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



F60D7A



FF0077



F2F60D



7A6E74



BA0057



3B001B

Previews

White Background



This preview shows how the Hex color 0D7AF6 looks on a white background.

Color Contrast Check

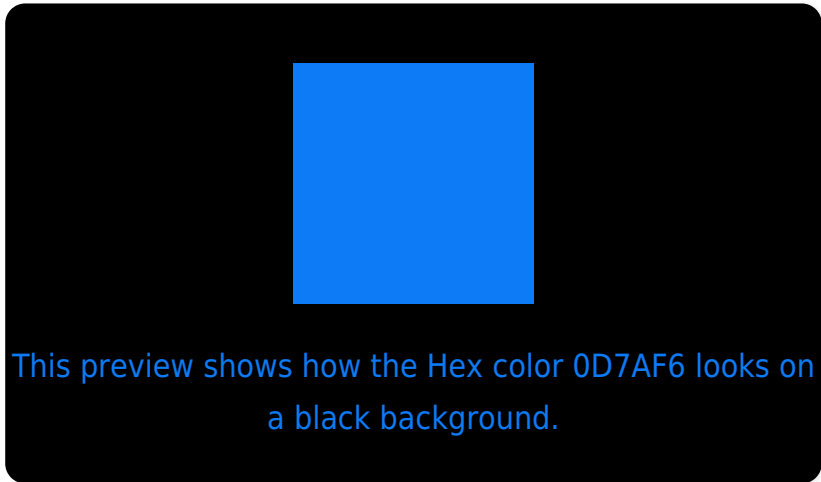
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

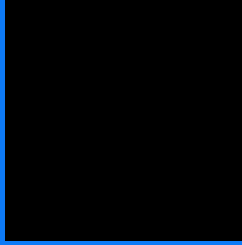
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

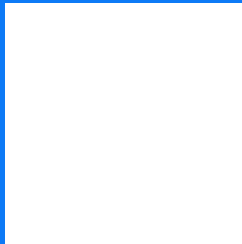
Any Text WCAG AAA × Fail

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

Hex 0D7AF6 Background



This preview shows how black text looks on a background with the Hex color 0D7AF6.



This preview shows how white text looks on a background with the Hex color 0D7AF6.

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
0D7AF6

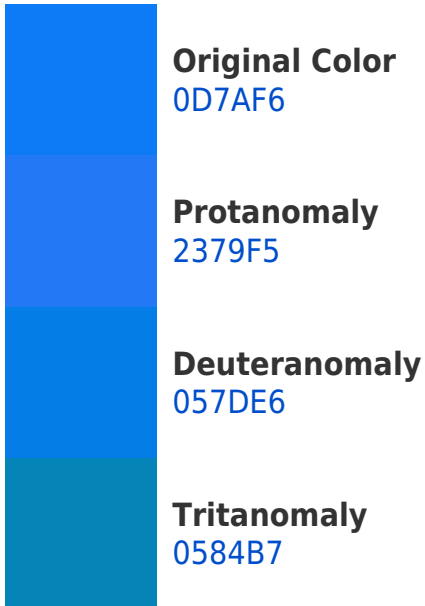
Protanopia
3078F4

Deuteranopia
007FDD



Tritanopia
008A93

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0D7AF6 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 #0D7AF6 looks like.

```
.text, #text, p{  
    color:#0D7AF6  
}
```

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 #0D7AF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7AF6
}
```

Border

The CSS property to change the border of an element to Hex 0D7AF6 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
#0D7AF6 }
```

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

```
.border{ border-color:#0D7AF6 }
```

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

Here you see how a box with a 4 pixel #0D7AF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7AF6; -webkit-box-shadow:4px 4px  
4px 4px #0D7AF6; box-shadow:4px 4px 4px  
4px #0D7AF6 }
```

Background

The CSS property to change the background color of an element to Hex 0D7AF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7AF6 }
```

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

```
.background{ background-color:#0D7AF6 }
```

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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