

# Converting Colors

Hex(0D69FC)

Have a look what the booklet for  
Hex(0D69FC) contains.

<b>Hex(0D69FC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(0D69FC)

# Conversions

## Conversions Part 1

Format	Color
Hex	0D69FC
RGB	13, 105, 252
RGB Percent	5%, 41%, 99%
CMY	0.9490, 0.5882, 0.0118
CMYK	0.95, 0.58, 0.00, 0.01
HSL	217°, 98%, 52%
HSV	217°, 95%, 99%
XYZ	22.7882, 17.2170, 94.2176
YIQ	94.2500, -102.0190, 26.2130

# Conversions

## Conversions Part 2

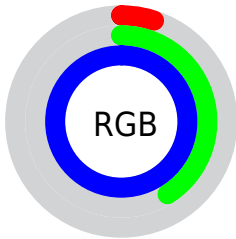
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	13, 79, 252
Decimal	879100
CIE Lab	48.53, 32.46, -79.32
CIE LCh	49, 85.707, 292.257
Yxy	17.2170, 0.1698, 0.1283
Android (android.graphics.Color)	4279069180 (0xFF0D69FC)
YUV	94.2500, 77.7707, -71.2562
Hunter-Lab	41.4934, 25.4192, -105.5825

# Details

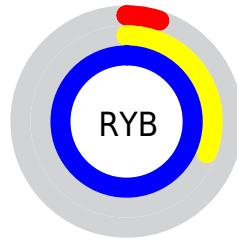
The Hex color **0D69FC** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FCA00D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **739BFF**, and **003BC2** is the 20% darker color. If you saturate the color by 10%, you get **0061FC**, and if you desaturate by 10%, it is **2678FC**.

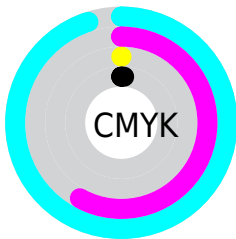
# Distribution



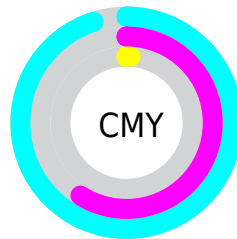
- Red (5%)
- Green (41%)
- Blue (99%)



- Red (5%)
- Yellow (31%)
- Blue (99%)



- Cyan (95%)
- Magenta (58%)
- Yellow (0%)
- Black (1%)



- Cyan (95%)
- Magenta (59%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D69FC 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 0D69FC by changing the saturation by 10% instead.



 0D69FC

 0D69FC

FFFFFF

 0051DF

 739BFF

 003BC2

 95B6FF

 0027A6

 B6D2FF

 00178B

 D6EEFF

 000171

 F6FFFF

 000C57

 00063F

 000328

 000111

■ 0D69FC

■ 0D69FC

■ 0061FC

■ 2678FC

■ 3F88FC

■ 5997FC

■ 72A7FC

■ 8BB6FC

■ A4C6FC

■ BDD5FC

■ D7E5FC

■ F0F4FC

# Harmonies

## Analogous

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



0083FF



0D69FC



B43ACD

# Triad

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



0D69FC



CE4400



008F5D

# Complementary

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



0D69FC



FCA00D

# 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.



008A00



0D69FC



9C6A00

# Square

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



0D69FC



EB0042



597F00



0091A9

# Rectangle

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



0D69FC



DB00A1



597F00



008E43



# Sweetspot

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



0D69FC



B8D3FF



0DFC9C



546580



000000



808080



# Same Dimension

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



0D69FC



0062FF



250DFC



70757D



0049BD



00183D



# Inverse Universe

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



FC0D69



FF0062



E4FC0D



7D7075



BD0049



3D0018



# Previews

## White Background



This preview shows how the Hex color 0D69FC looks on a white background.

## Color Contrast Check

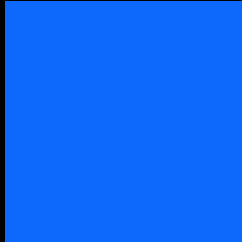
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 0D69FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

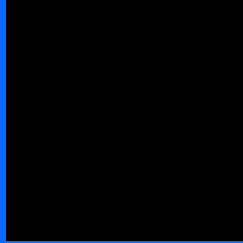
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

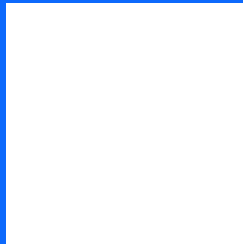
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0D69FC Background



This preview shows how black text looks on a background with the Hex color 0D69FC.



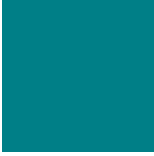
This preview shows how white text looks on a background with the Hex color 0D69FC.

# 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





**Tritanopia**  
007F87

# Trichromacy



**Original Color**  
0D69FC

**Protanomaly**  
056CF1

**Deuteranomaly**  
0571DC

**Tritanomaly**  
0577B2

# Monochromacy



**Original Color**  
0D69FC

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
416297

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D69FC 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 #0D69FC looks like.

```
.text, #text, p{  
    color:#0D69FC  
}
```

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 #0D69FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D69FC
}
```

## Border

The CSS property to change the border of an element to Hex 0D69FC 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
#0D69FC }
```

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

```
.border{ border-color:#0D69FC }
```

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

Here you see how a box with a 4 pixel #0D69FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D69FC; -webkit-box-shadow:4px 4px  
4px 4px #0D69FC; box-shadow:4px 4px 4px  
4px #0D69FC }
```

# Background

The CSS property to change the background color of an element to Hex 0D69FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D69FC }
```

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

```
.background{ background-color:#0D69FC }
```

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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