

Converting Colors

Hex(0D3EFD)

Have a look what the booklet for
Hex(0D3EFD) contains.

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Color

Hex(0D3EFD)

Conversions

Conversions Part 1

Format	Color
Hex	0D3EFD
RGB	13, 62, 253
RGB Percent	5%, 24%, 99%
CMY	0.9490, 0.7569, 0.0078
CMYK	0.95, 0.75, 0.00, 0.01
HSL	228°, 98%, 52%
HSV	228°, 95%, 99%
XYZ	19.6182, 10.6227, 93.9449
YIQ	69.1230, -90.5150, 49.0130

Conversions

Conversions Part 2

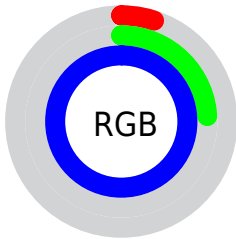
Format	Color
R _Y B	13, 54, 253
Decimal	868093
CIE Lab	38.94, 58.69, -95.68
CIE LCh	39, 112.247, 301.525
Yxy	10.6227, 0.1580, 0.0855
Android (android.graphics.Color)	4279058173 (0xFF0D3EFD)
YUV	69.1230, 90.6514, -49.2199
Hunter-Lab	32.5924, 50.4070, -148.0837

Details

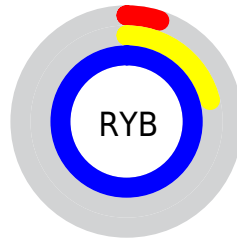
The Hex color **0D3EFD** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **FDCC0D**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **776FFF**, and **0010C3** is the 20% darker color. If you saturate the color by 10%, you get **0034FD**, and if you desaturate by 10%, it is **2652FD**.

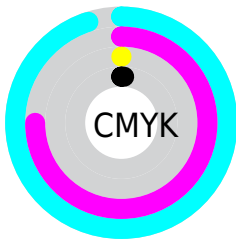
Distribution



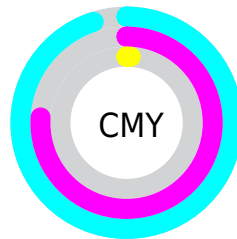
- Red (5%)
- Green (24%)
- Blue (99%)



- Red (5%)
- Yellow (21%)
- Blue (99%)



- Cyan (95%)
- Magenta (75%)
- Yellow (0%)
- Black (1%)



- Cyan (95%)
- Magenta (76%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D3EFD 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 0D3EFD by changing the saturation by 10% instead.

 0D3EFD

 0D3EFD

FFFFFF

 0027E0

 776FFF

 0010C3

 9A89FF

 0000A6

 BBA4FF

 00008B

 DCC0FF

 000C70


 FCDCFF

 000C57

 FFF9FF

 00063E

 000328

 000111

■ 0D3EFD

■ 0D3EFD

■ 0034FD

■ 2652FD

■ 4066FD

■ 597AFD

■ 728FFD

■ 8CA3FD

■ A5B7FD

■ BECBFD

■ D7DFFD

■ F1F3FD

Harmonies

Analogous

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



006BFF



0D3EFD



C300B5

Triad

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



0D3EFD



B12600



00795F

Complementary

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



0D3EFD



FDCC0D

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.



007600



0D3EFD



6D5B00

Square

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



0D3EFD



DF0000



006F00



007BBB

Rectangle

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



0D3EFD



E5007A



006F00



00783E

Sweetspot

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



0D3EFD



B8C6FF



0DFDC9



545D80



000000



808080

Same Dimension

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



0D3EFD



0034FF



510DFD



737580



0027BF



000D40

Inverse Universe

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



FD0D3E



FF0034



B9FD0D



807375



BF0027



40000D

Previews

White Background



This preview shows how the Hex color 0D3EFD looks on a white background.

Color Contrast Check

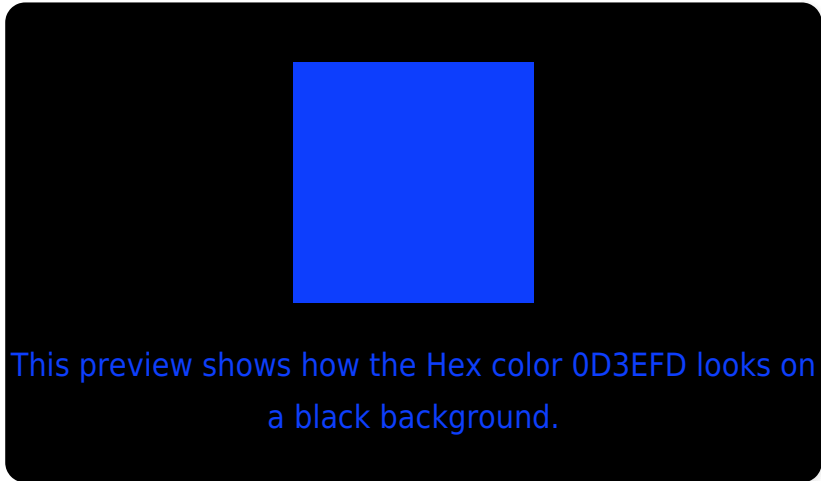
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 0D3EFD Background



This preview shows how black text looks on a background with the Hex color 0D3EFD.



This preview shows how white text looks on a background with the Hex color 0D3EFD.

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
0D3EFD

Protanopia
0057B8

Deuteranopia
005D9C



Tritanopia
00656A

Trichromacy



Original Color
0D3EFD

Protanomaly
054ED1

Deuteranomaly
0552BF

Tritanomaly
05579F

Monochromacy



Original Color
0D3EFD

Achromatopsia
454545

Achromatomaly
314288

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D3EFD 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 #0D3EFD looks like.

```
.text, #text, p{  
    color:#0D3EFD  
}
```

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 #0D3EFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D3EFD
}
```

Border

The CSS property to change the border of an element to Hex 0D3EFD 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
#0D3EFD }
```

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

```
.border{ border-color:#0D3EFD }
```

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

Here you see how a box with a 4 pixel #0D3EFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D3EFD; -webkit-box-shadow:4px 4px  
4px 4px #0D3EFD; box-shadow:4px 4px 4px  
4px #0D3EFD }
```

Background

The CSS property to change the background color of an element to Hex 0D3EFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D3EFD }
```

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

```
.background{ background-color:#0D3EFD }
```

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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