

# Converting Colors

Hex(0E5DFB)

Have a look what the booklet for  
Hex(0E5DFB) contains.

<b>Hex(0E5DFB)</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(0E5DFB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E5DFB
RGB	14, 93, 251
RGB Percent	5%, 36%, 98%
CMY	0.9451, 0.6353, 0.0157
CMYK	0.94, 0.63, 0.00, 0.02
HSL	220°, 97%, 52%
HSV	220°, 94%, 98%
XYZ	21.5080, 14.8871, 93.0067
YIQ	87.3910, -97.8020, 32.3900

# Conversions

## Conversions Part 2

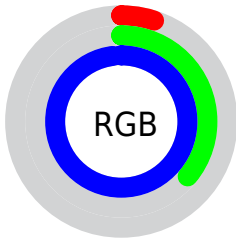
<b>Format</b>	<b>Color</b>
<code>RYB</code>	<code>14, 73, 251</code>
Decimal	<code>941563</code>
CIELab	<code>45.48, 39.69, -83.77</code>
CIElCh	<code>45, 92.694, 295.354</code>
Yxy	<code>14.8871, 0.1662, 0.1150</code>
Android ( <code>android.graphics.Color</code> )	<code>4279131643 (0xFF0E5DFB)</code>
YUV	<code>87.3910, 80.6592, -64.3639</code>
Hunter-Lab	<code>38.5838, 31.9809, -115.9105</code>

# Details

The Hex color **0E5DFB** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **FBAC0E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **748FFF**, and **0030C1** is the 20% darker color. If you saturate the color by 10%, you get **0054FB**, and if you desaturate by 10%, it is **276EFB**.

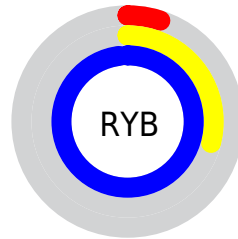
# Distribution



Red (5%)

Green (36%)

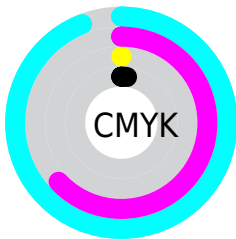
Blue (98%)



Red (5%)

Yellow (29%)

Blue (98%)

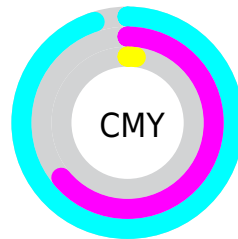


Cyan (94%)

Magenta (63%)

Yellow (0%)

Black (2%)



Cyan (95%)

Magenta (64%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E5DFB 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 0E5DFB by changing the saturation by 10% instead.



 0E5DFB

 0E5DFB

FFFFFF

 0046DE

 748FFF

 0030C1

 96A9FF

 001DA5

 B7C4FF

 000E8A

 D7E0FF

 00056F

 F7FDFD

 000C56

 00063D

 000327

 000110

■ 0E5DFB

■ 0E5DFB

■ 0054FB

■ 276EFB

■ 407EFB

■ 598FFB

■ 72A0FB

■ 8BB1FB

■ A5C1FB

■ BED2FB

■ D7E3FB

■ F0F4FB

# Harmonies

## Analogous

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



007BFF



0E5DFB



B818C5

# Triad

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



0E5DFB



C53B00



00885D

# Complementary

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



0E5DFB



FBAC0E

# 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.



008400



0E5DFB



8E6500

# Square

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



0E5DFB



E70030



417A00



008AAD

# Rectangle

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



0E5DFB



DD0095



417A00



008741



# Sweetspot

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



0E5DFB



B8CFFF



0EFBAC



546380



000000



808080



# Same Dimension

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



0E5DFB



0055FF



350EFB



70757D



003FBD



00143D



# Inverse Universe

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



FB0E5D



FF0055



D3FB0E



7D7075



BD003F



3D0014



# Previews

## White Background



This preview shows how the Hex color 0E5DFB looks on a white background.

## Color Contrast Check

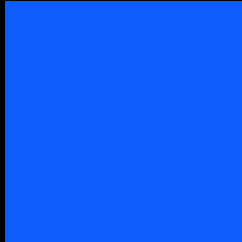
Large Text (above 18pt) WCAG AA ✓ Pass

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 0E5DFB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

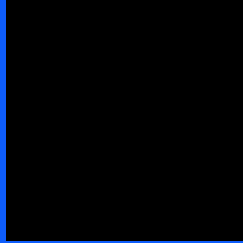
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E5DFB Background



This preview shows how black text looks on a background with the Hex color 0E5DFB.



This preview shows how white text looks on a background with the Hex color 0E5DFB.

# 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**  
00777D

# Trichromacy



**Original Color**  
0E5DFB

**Protanomaly**  
0563E5

**Deuteranomaly**  
0568D2

**Tritanomaly**  
056EAB

# Monochromacy



**Original Color**  
0E5DFB

**Achromatopsia**  
575757

**Achromatomaly**  
3C5993

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E5DFB 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 #0E5DFB looks like.

```
.text, #text, p{  
    color:#0E5DFB  
}
```

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 #0E5DFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E5DFB
}
```

## Border

The CSS property to change the border of an element to Hex 0E5DFB 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
#0E5DFB }
```

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

```
.border{ border-color:#0E5DFB }
```

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

Here you see how a box with a 4 pixel #0E5DFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E5DFB; -webkit-box-shadow:4px 4px  
4px 4px #0E5DFB; box-shadow:4px 4px 4px  
4px #0E5DFB }
```

# Background

The CSS property to change the background color of an element to Hex 0E5DFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E5DFB }
```

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

```
.background{ background-color:#0E5DFB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor