

# Converting Colors

Hex(0E5DEF)

Have a look what the booklet for  
Hex(0E5DEF) contains.

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# Color

**Hex(0E5DEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E5DEF
RGB	14, 93, 239
RGB Percent	5%, 36%, 94%
CMY	0.9451, 0.6353, 0.0627
CMYK	0.94, 0.61, 0.00, 0.06
HSL	219°, 89%, 50%
HSV	219°, 94%, 94%
XYZ	19.6754, 14.1541, 83.3564
YIQ	86.0230, -93.9500, 28.6580

# Conversions

## Conversions Part 2

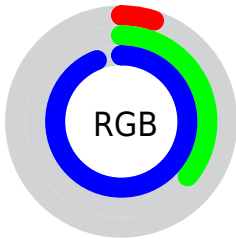
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 72, 239
Decimal	941551
CIE <sub>Lab</sub>	44.45, 35.20, -78.73
CIE <sub>LCh</sub>	44, 86.243, 294.092
Yxy	14.1541, 0.1679, 0.1208
Android (android.graphics.Color)	4279131631 (0xFF0E5DEF)
YUV	86.0230, 75.4177, -63.1642
Hunter-Lab	37.6219, 27.5134, -105.0297

# Details

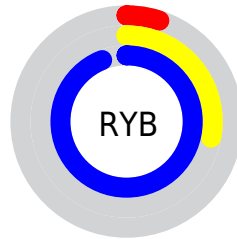
The Hex color **0E5DEF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **EFA00E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **708FFF**, and **0031B6** is the 20% darker color. If you saturate the color by 10%, you get **0054EF**, and if you desaturate by 10%, it is **266DEF**.

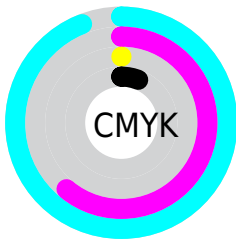
# Distribution



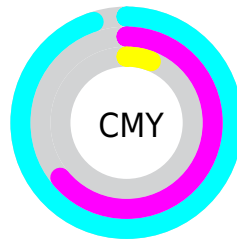
- Red (5%)
- Green (36%)
- Blue (94%)



- Red (5%)
- Yellow (28%)
- Blue (94%)



- Cyan (94%)
- Magenta (61%)
- Yellow (0%)
- Black (6%)



- Cyan (95%)
- Magenta (64%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E5DEF 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 0E5DEF by changing the saturation by 10% instead.



 0E5DEF

 0E5DEF

FFFFFF

 0046D2

 708FFF

 0031B6

 92A9FF

 001E9A

 B2C4FF

 000C7F

 D2E0FF

 000865

 F1FCFF

 00094C

 000434

 00021E

 000000

 0E5DEF

 0E5DEF

 0054EF

 266DEF

 3E7CEF

 568CEF

 6E9BEF

 86ABEF

 9DBAEF

 B5CAEF

 CDD9EF

 E5E9EF

# Harmonies

## Analogous

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



0078FB



0E5DEF



AD27BF

# Triad

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



0E5DEF



BF3B00



008458

# Complementary

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



0E5DEF



EFA00E

# 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.



008000



0E5DEF



8D6200

# Square

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



0E5DEF



DD0035



487600



0086A2

# Rectangle

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



0E5DEF



D10092



487600



00833E



# Sweetspot

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



0E5DEF



B8D1FF



0EEF9C



546380



000000



808080



# Same Dimension

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



0E5DEF



005AFF



2C0EEF



6C7078



0040B8



001438



# Inverse Universe

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



EF0E5D



FF005A



D1EF0E



786C70



B80040



380014



# Previews

## White Background



This preview shows how the Hex color 0E5DEF looks on a white background.

## Color Contrast Check

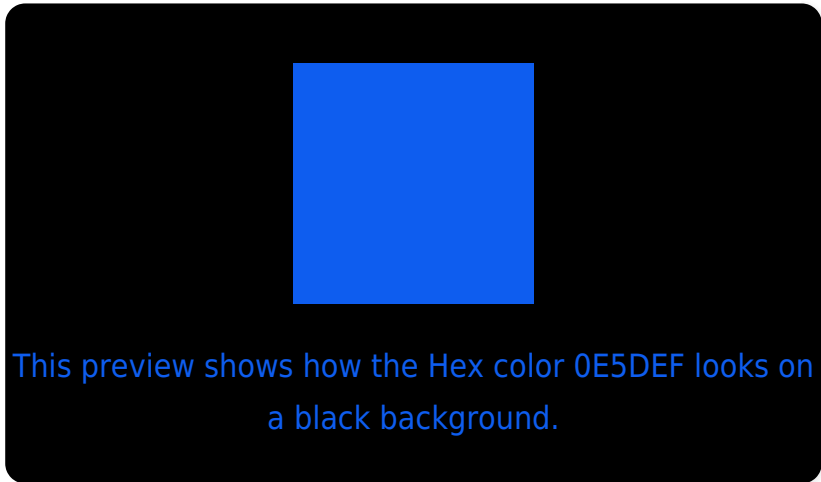
Large Text (above 18pt) WCAG AA ✓ Pass

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

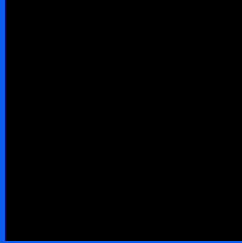
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E5DEF Background



This preview shows how black text looks on a background with the Hex color 0E5DEF.



This preview shows how white text looks on a background with the Hex color 0E5DEF.

# 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**  
00747B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E5DEF 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 #0E5DEF looks like.

```
.text, #text, p{  
    color:#0E5DEF  
}
```

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 #0E5DEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E5DEF
}
```

## Border

The CSS property to change the border of an element to Hex 0E5DEF 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
#0E5DEF }
```

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

```
.border{ border-color:#0E5DEF }
```

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

Here you see how a box with a 4 pixel #0E5DEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E5DEF; -webkit-box-shadow:4px 4px  
4px 4px #0E5DEF; box-shadow:4px 4px 4px  
4px #0E5DEF }
```

# Background

The CSS property to change the background color of an element to Hex 0E5DEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E5DEF }
```

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

```
.background{ background-color:#0E5DEF }
```

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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