

# Converting Colors

Hex(0E5FD4)

Have a look what the booklet for  
Hex(0E5FD4) contains.

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# Color

**Hex(0E5FD4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E5FD4
RGB	14, 95, 212
RGB Percent	5%, 37%, 83%
CMY	0.9451, 0.6275, 0.1686
CMYK	0.93, 0.55, 0.00, 0.17
HSL	215°, 88%, 44%
HSV	215°, 93%, 83%
XYZ	16.1570, 13.0312, 63.9511
YIQ	84.1190, -85.8330, 19.2150

# Conversions

## Conversions Part 2

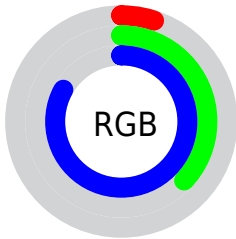
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 71, 212
Decimal	942036
CIELab	42.81, 23.48, -66.09
CIELCh	43, 70.143, 289.561
Yxy	13.0312, 0.1735, 0.1399
Android (android.graphics.Color)	4279132116 (0xFF0E5FD4)
YUV	84.1190, 63.0453, -61.4944
Hunter-Lab	36.0988, 16.7195, -79.7664

# Details

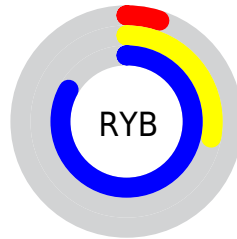
The Hex color **0E5FD4** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **D4830E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6891FF**, and **00329C** is the 20% darker color. If you saturate the color by 10%, you get **0057D4**, and if you desaturate by 10%, it is **236CD4**.

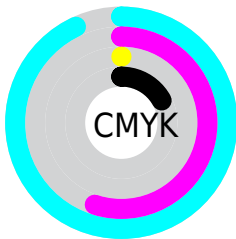
# Distribution



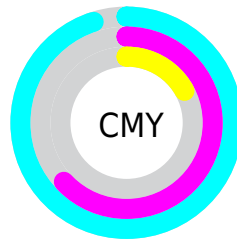
- Red (5%)
- Green (37%)
- Blue (83%)



- Red (5%)
- Yellow (28%)
- Blue (83%)



- Cyan (93%)
- Magenta (55%)
- Yellow (0%)
- Black (17%)



- Cyan (95%)
- Magenta (63%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E5FD4 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 0E5FD4 by changing the saturation by 10% instead.



 0E5FD4

 0E5FD4

FFFFFF

 0048B8

 6891FF

 00329C

 88ABFF

 001F82

 A8C6FF

 000968

 C6E2FF

 000A4F

 E5FFFF

 000537

 000220

 000005

 000000

■ 0E5FD4

■ 0E5FD4

■ 0057D4

■ 236CD4

■ 3878D4

■ 4E85D4

■ 6391D4

■ 789ED4

■ 8DAAD4

■ A2B7D4

■ B8C3D4

■ CDD0D4

# Harmonies

## Analogous

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



0072D9



0E5FD4



943FB1

# Triad

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



0E5FD4



B33E02



007C4E

# Complementary

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



0E5FD4



D4830E

# 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.



007806



0E5FD4



8C5B00

# Square

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



0E5FD4



C71342



586E00



007E8B

# Rectangle

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



0E5FD4



B6228F



586E00



007B3A



# Sweetspot

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



0E5FD4



B8D5FF



0ED482



546680



000000



808080



# Same Dimension

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



0E5FD4



0068FF



1F0ED4



60656B



0046AB



00122B



# Inverse Universe

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



D40E5F



FF0068



C4D40E



6B6065



AB0046



2B0012



# Previews

## White Background



This preview shows how the Hex color 0E5FD4 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 0E5FD4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

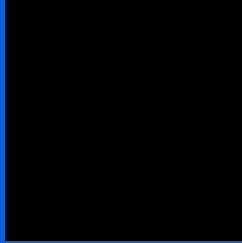
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E5FD4 Background



This preview shows how black text looks on a background with the Hex color 0E5FD4.



This preview shows how white text looks on a background with the Hex color 0E5FD4.

# 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**  
0E5FD4

**Protanopia**  
0061CE

**Deuteranopia**  
0067B1



**Tritanopia**  
007077

# Trichromacy



**Original Color**  
0E5FD4

**Protanomaly**  
0560D0

**Deuteranomaly**  
0564BE

**Tritanomaly**  
056A99

# Monochromacy



**Original Color**  
0E5FD4

**Achromatopsia**  
545454

**Achromatomaly**  
3B5883

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E5FD4 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 #0E5FD4 looks like.

```
.text, #text, p{  
    color:#0E5FD4  
}
```

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 #0E5FD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E5FD4
}
```

## Border

The CSS property to change the border of an element to Hex 0E5FD4 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
#0E5FD4 }
```

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

```
.border{ border-color:#0E5FD4 }
```

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

Here you see how a box with a 4 pixel #0E5FD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E5FD4; -webkit-box-shadow:4px 4px  
4px 4px #0E5FD4; box-shadow:4px 4px 4px  
4px #0E5FD4 }
```

# Background

The CSS property to change the background color of an element to Hex 0E5FD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E5FD4 }
```

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

```
.background{ background-color:#0E5FD4 }
```

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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