

# Converting Colors

Hex(0F73EA)

Have a look what the booklet for  
Hex(0F73EA) contains.

<b>Hex(0F73EA)</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(0F73EA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F73EA
RGB	15, 115, 234
RGB Percent	6%, 45%, 92%
CMY	0.9412, 0.5490, 0.0824
CMYK	0.94, 0.51, 0.00, 0.08
HSL	213°, 88%, 49%
HSV	213°, 94%, 92%
XYZ	21.1790, 18.3035, 80.2586
YIQ	98.6660, -97.7990, 15.8090

# Conversions

## Conversions Part 2

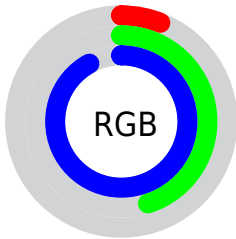
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 84, 234
Decimal	1012714
CIELab	49.86, 19.24, -67.11
CIELCh	50, 69.813, 285.997
Yxy	18.3035, 0.1769, 0.1529
Android (android.graphics.Color)	4279202794 (0xFF0F73EA)
YUV	98.6660, 66.7197, -73.3751
Hunter-Lab	42.7826, 13.4946, -81.2779

# Details

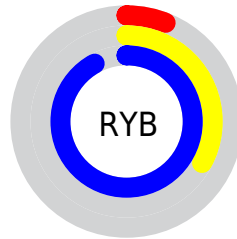
The Hex color **0F73EA** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **EA860F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6EA6FF**, and **0044B1** is the 20% darker color. If you saturate the color by 10%, you get **006BEA**, and if you desaturate by 10%, it is **2680EA**.

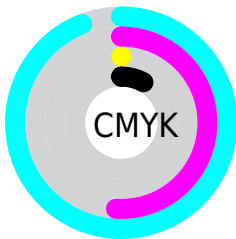
# Distribution



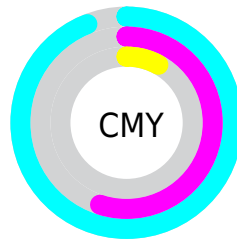
- Red (6%)
- Green (45%)
- Blue (92%)



- Red (6%)
- Yellow (33%)
- Blue (92%)



- Cyan (94%)
- Magenta (51%)
- Yellow (0%)
- Black (8%)



- Cyan (94%)
- Magenta (55%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F73EA 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 0F73EA by changing the saturation by 10% instead.



0F73EA

0F73EA

FFFFFF

005BCD

6EA6FF

0044B1

8FC1FF

002F96

AEDDFF

001D7B

CEF9FF

000162

EDFFFF

000949

000431

00011B

000000

■ 0F73EA

■ 0F73EA

■ 006BEA

■ 2680EA

■ 3E8CEA

■ 5599EA

■ 6DA6EA

■ 84B3EA

■ 9BBFEA

■ B3CCEA

■ CAD9EA

■ E2E5EA

# Harmonies

## Analogous

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



0086EB



0F73EA



9F56CA

# Triad

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



0F73EA



CC4D20



008F58

# Complementary

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



0F73EA



EA860F

# 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.



208915



0F73EA



A66A00

# Square

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



0F73EA



DE305A



727E00



009196

# Rectangle

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



0F73EA



C53FA8



727E00



008D43



# Sweetspot

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



0F73EA



B8D8FF



0FEA84



546880



000000



808080



# Same Dimension

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



0F73EA



0074FF



160FEA



6A6F75



0053B5



001836



# Inverse Universe

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



EA0F73



FF0074



E3EA0F



756A6F



B50053



360018



# Previews

## White Background



This preview shows how the Hex color 0F73EA looks on a white background.

## Color Contrast Check

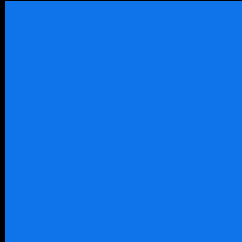
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F73EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

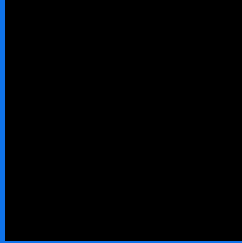
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0F73EA Background



This preview shows how black text looks on a background with the Hex color 0F73EA.



This preview shows how white text looks on a background with the Hex color 0F73EA.

# 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**  
00838B

# Trichromacy



**Original Color**  
0F73EA

**Protanomaly**  
2072E9

**Deuteranomaly**  
0577DA

**Tritanomaly**  
057DAE

# Monochromacy



**Original Color**  
0F73EA

**Achromatopsia**  
636363

**Achromatomaly**  
446994

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F73EA 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 #0F73EA looks like.

```
.text, #text, p{  
    color:#0F73EA  
}
```

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 #0F73EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F73EA
}
```

## Border

The CSS property to change the border of an element to Hex 0F73EA 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
#0F73EA }
```

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

```
.border{ border-color:#0F73EA }
```

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

Here you see how a box with a 4 pixel #0F73EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F73EA; -webkit-box-shadow:4px 4px  
4px 4px #0F73EA; box-shadow:4px 4px 4px  
4px #0F73EA }
```

# Background

The CSS property to change the background color of an element to Hex 0F73EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F73EA }
```

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

```
.background{ background-color:#0F73EA }
```

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