

# Converting Colors

Hex(0F77E1)

Have a look what the booklet for  
Hex(0F77E1) contains.

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# Color

**Hex(0F77E1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F77E1
RGB	15, 119, 225
RGB Percent	6%, 47%, 88%
CMY	0.9412, 0.5333, 0.1176
CMYK	0.93, 0.47, 0.00, 0.12
HSL	210°, 88%, 47%
HSV	210°, 93%, 88%
XYZ	20.3844, 18.7315, 73.7753
YIQ	99.9880, -96.0100, 10.9180

# Conversions

## Conversions Part 2

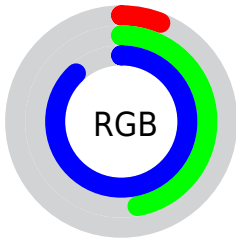
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	15, 85, 225
Decimal	1013729
CIE Lab	50.37, 13.20, -61.23
CIE LCh	50, 62.637, 282.170
Yxy	18.7315, 0.1806, 0.1659
Android (android.graphics.Color)	4279203809 (0xFF0F77E1)
YUV	99.9880, 61.6309, -74.5345
Hunter-Lab	43.2798, 8.3322, -70.7705

# Details

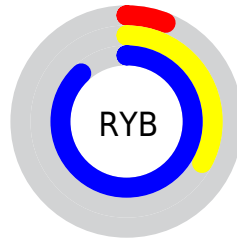
The Hex color **0F77E1** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E1790F**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6BABFF**, and **0048A9** is the 20% darker color. If you saturate the color by 10%, you get **006FE1**, and if you desaturate by 10%, it is **2682E1**.

# Distribution



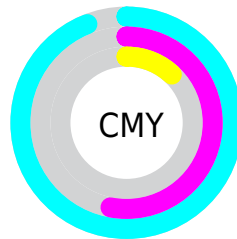
- Red (6%)
- Green (47%)
- Blue (88%)



- Red (6%)
- Yellow (33%)
- Blue (88%)



- Cyan (93%)
- Magenta (47%)
- Yellow (0%)
- Black (12%)



- Cyan (94%)
- Magenta (53%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F77E1 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 0F77E1 by changing the saturation by 10% instead.



0F77E1

0F77E1

FFFFFF

005FC5

6BABFF

0048A9

8CC6FF

00328E

ABE1FF

001F74

CAFEFF

00045A

E9FFFF

000742

00032B

000115

000000

■ 0F77E1

■ 0F77E1

■ 006FE1

■ 2682E1

■ 3C8EE1

■ 5399E1

■ 69A4E1

■ 7FB0E1

■ 96BBE1

■ ADC7E1

■ C3D2E1

■ DADDE1

# Harmonies

## Analogous

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



0087DE



0F77E1



955FC8

# Triad

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



0F77E1



CA5132



008E55

# Complementary

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



0F77E1



E1790F

# 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.



3E881E



0F77E1



AA6A00

# Square

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



0F77E1



D63E64



7C7C00



00908D

# Rectangle

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



0F77E1



BA4DAB



7C7C00



008D43

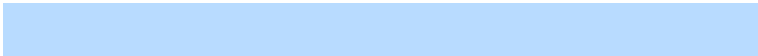


# Sweetspot

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



0F77E1



B8DBFF



0FE178



546A80



000000



808080



# Same Dimension

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



0F77E1



007EFF



0F0FE1



656B70



0057B0



001830



# Inverse Universe

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



E10F77



FF007E



E1E10F



70656B



B00057



300018



# Previews

## White Background



This preview shows how the Hex color 0F77E1 looks on a white background.

## Color Contrast Check

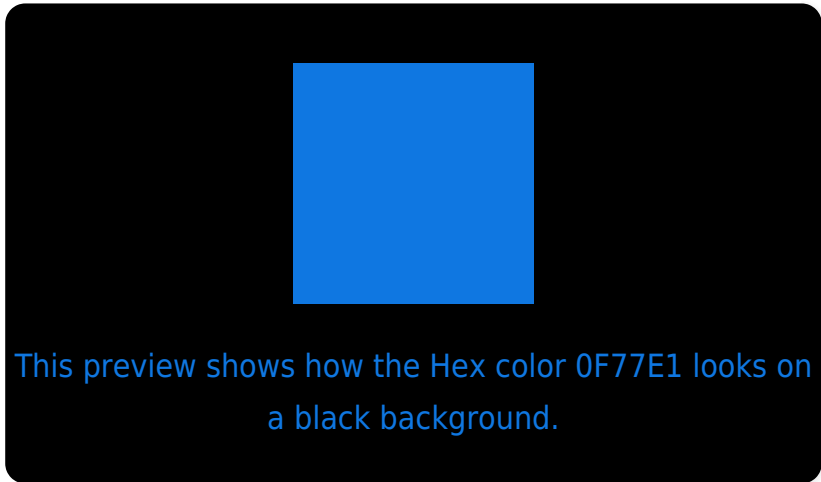
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

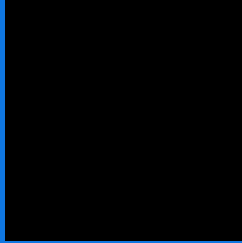
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

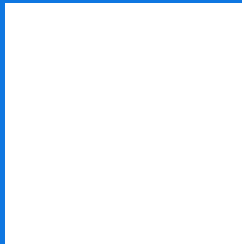
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0F77E1 Background



This preview shows how black text looks on a background with the Hex color 0F77E1.

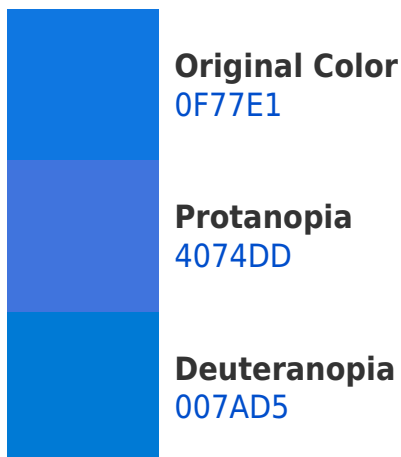


This preview shows how white text looks on a background with the Hex color 0F77E1.

# 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**  
00848D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F77E1 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 #0F77E1 looks like.

```
.text, #text, p{  
    color:#0F77E1  
}
```

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 #0F77E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F77E1
}
```

## Border

The CSS property to change the border of an element to Hex 0F77E1 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
#0F77E1 }
```

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

```
.border{ border-color:#0F77E1 }
```

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

Here you see how a box with a 4 pixel #0F77E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F77E1; -webkit-box-shadow:4px 4px  
4px 4px #0F77E1; box-shadow:4px 4px 4px  
4px #0F77E1 }
```

# Background

The CSS property to change the background color of an element to Hex 0F77E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F77E1 }
```

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

```
.background{ background-color:#0F77E1 }
```

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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