

# Converting Colors

Hex(0F73D6)

Have a look what the booklet for  
Hex(0F73D6) contains.

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# Color

Hex(0F73D6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F73D6
RGB	15, 115, 214
RGB Percent	6%, 45%, 84%
CMY	0.9412, 0.5490, 0.1608
CMYK	0.93, 0.46, 0.00, 0.16
HSL	210°, 87%, 45%
HSV	210°, 93%, 84%
XYZ	18.4653, 17.2181, 65.9685
YIQ	96.3860, -91.3790, 9.5890

# Conversions

## Conversions Part 2

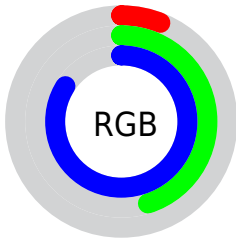
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 82, 214
Decimal	1012694
CIE <sub>Lab</sub>	48.53, 11.42, -57.97
CIE <sub>LCh</sub>	49, 59.084, 281.147
Yxy	17.2181, 0.1817, 0.1694
Android (android.graphics.Color)	4279202774 (0xFF0F73D6)
YUV	96.3860, 57.9837, -71.3755
Hunter-Lab	41.4947, 6.8178, -65.2134

# Details

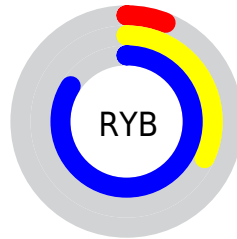
The Hex color **0F73D6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D6720F**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **68A6FF**, and **00449E** is the 20% darker color. If you saturate the color by 10%, you get **006CD6**, and if you desaturate by 10%, it is **247ED6**.

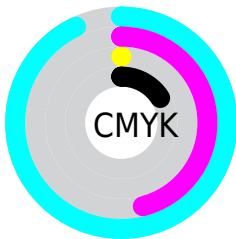
# Distribution



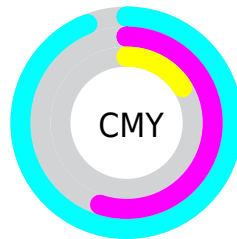
- Red (6%)
- Green (45%)
- Blue (84%)



- Red (6%)
- Yellow (32%)
- Blue (84%)



- Cyan (93%)
- Magenta (46%)
- Yellow (0%)
- Black (16%)



- Cyan (94%)
- Magenta (55%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F73D6 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 0F73D6 by changing the saturation by 10% instead.



 0F73D6

 0F73D6

FFFFFF

 005BBA

 68A6FF

 00449E


 88C1FF

 002F84

 A7DDFF

 001C6A

 C6F9FF

 000751

 E5FFFF

 000539

 000223

 000009

 000000

■ 0F73D6

■ 0F73D6

■ 006CD6

■ 247ED6

■ 3A88D6

■ 4F93D6

■ 659ED6

■ 7AA8D6

■ 8FB3D6

■ A5BED6

■ BAC8D6

■ D0D3D6

# Harmonies

## Analogous

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



0081D2



0F73D6



8C5DBF

# Triad

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



0F73D6



C24F33



008851

# Complementary

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



0F73D6



D6720F

# 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.



41821F



0F73D6



A46501

# Square

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



0F73D6



CC3E63



797700



008A85

# Rectangle

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



0F73D6



B04DA4



797700



008740

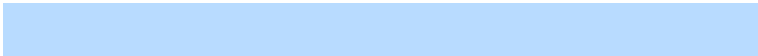


# Sweetspot

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



0F73D6



B8DBFF



0FD66F



546A80



000000



808080



# Same Dimension

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



0F73D6



0080FF



0F12D6



60666B



0056AB



00162B



# Inverse Universe

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



D60F73



FF0080



D6D30F



6B6066



AB0056



2B0016



# Previews

## White Background



This preview shows how the Hex color 0F73D6 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 0F73D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

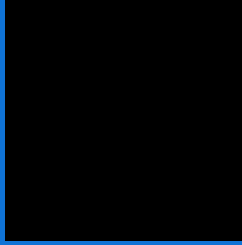
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

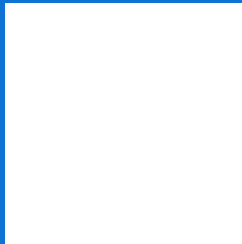
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0F73D6 Background



This preview shows how black text looks on a background with the Hex color 0F73D6.

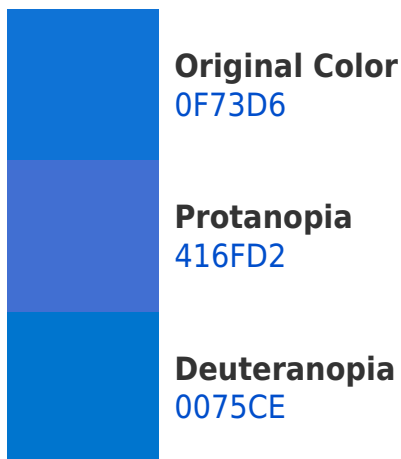


This preview shows how white text looks on a background with the Hex color 0F73D6.

# 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**  
007F88

# Trichromacy



**Original Color**  
0F73D6

**Protanomaly**  
2F70D3

**Deuteranomaly**  
0574D1

**Tritanomaly**  
057BA4

# Monochromacy



**Original Color**  
0F73D6

**Achromatopsia**  
606060

**Achromatomaly**  
43678B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F73D6 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 #0F73D6 looks like.

```
.text, #text, p{  
    color:#0F73D6  
}
```

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 #0F73D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F73D6
}
```

## Border

The CSS property to change the border of an element to Hex 0F73D6 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
#0F73D6 }
```

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

```
.border{ border-color:#0F73D6 }
```

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

Here you see how a box with a 4 pixel #0F73D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F73D6; -webkit-box-shadow:4px 4px  
4px 4px #0F73D6; box-shadow:4px 4px 4px  
4px #0F73D6 }
```

# Background

The CSS property to change the background color of an element to Hex 0F73D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F73D6 }
```

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

```
.background{ background-color:#0F73D6 }
```

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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