

# Converting Colors

Hex(0F6EB8)

Have a look what the booklet for  
Hex(0F6EB8) contains.

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# Color

**Hex(0F6EB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F6EB8
RGB	15, 110, 184
RGB Percent	6%, 43%, 72%
CMY	0.9412, 0.5686, 0.2784
CMYK	0.92, 0.40, 0.00, 0.28
HSL	206°, 85%, 39%
HSV	206°, 92%, 72%
XYZ	14.4247, 14.7141, 47.4272
YIQ	90.0310, -80.3740, 2.8740

# Conversions

## Conversions Part 2

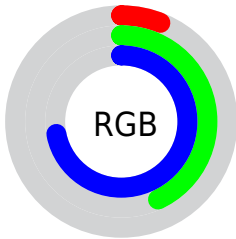
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 76, 184
Decimal	1011384
CIELab	45.24, 2.74, -46.02
CIELCh	45, 46.102, 273.402
Yxy	14.7141, 0.1884, 0.1922
Android (android.graphics.Color)	4279201464 (0xFF0F6EB8)
YUV	90.0310, 46.3267, -65.8022
Hunter-Lab	38.3590, -0.0044, -46.4552

# Details

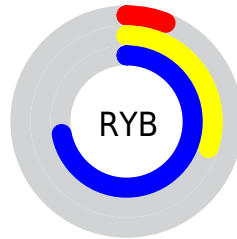
The Hex color **0F6EB8** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B8590F**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **60A1F1**, and **003F82** is the 20% darker color. If you saturate the color by 10%, you get **0067B8**, and if you desaturate by 10%, it is **2176B8**.

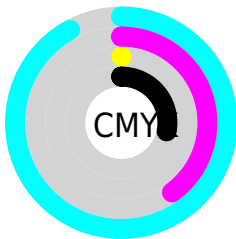
# Distribution



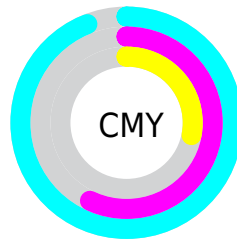
- Red (6%)
- Green (43%)
- Blue (72%)



- Red (6%)
- Yellow (30%)
- Blue (72%)



- Cyan (92%)
- Magenta (40%)
- Yellow (0%)
- Black (28%)



- Cyan (94%)
- Magenta (57%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F6EB8 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 0F6EB8 by changing the saturation by 10% instead.



0F6EB8

0F6EB8

FFFFFF

00569D

60A1F1

003F82

7FBCFF

002A69

9DD8FF

001650

BBF4FF

000539

D9FFFF

000222

F7FFFF

000008

000000

0F6EB8

0F6EB8

■ 0067B8

■ 2176B8

■ 347EB8

■ 4686B8

■ 598EB8

■ 6B96B8

■ 7D9EB8

■ 90A6B8

■ A2AEB8

■ B5B7B8

# Harmonies

## Analogous

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



0078AF



0F6EB8



725FAC

# Triad

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



0F6EB8



AD4D43



0E7B47

# Complementary

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



0F6EB8



B8590F

# 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.



547526



0F6EB8



9A5C25

# Square

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



0F6EB8



B04768



7B6B16



007E6E

# Rectangle

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



0F6EB8



925499



7B6B16



30793B



# Sweetspot

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



0F6EB8



ADD2F0



0FB858



4F6678



F7F7F7



787878



# Same Dimension

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



0F6EB8



0087F0



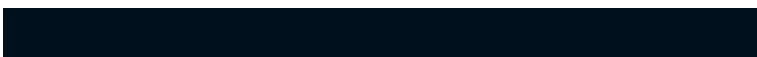
0F1AB8



53585C



00579C



00101C



# Inverse Universe

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



B80F6E



F00087



B8AD0F



5C5358



9C0057



1C0010



# Previews

## White Background



This preview shows how the Hex color 0F6EB8 looks on a white background.

## Color Contrast Check

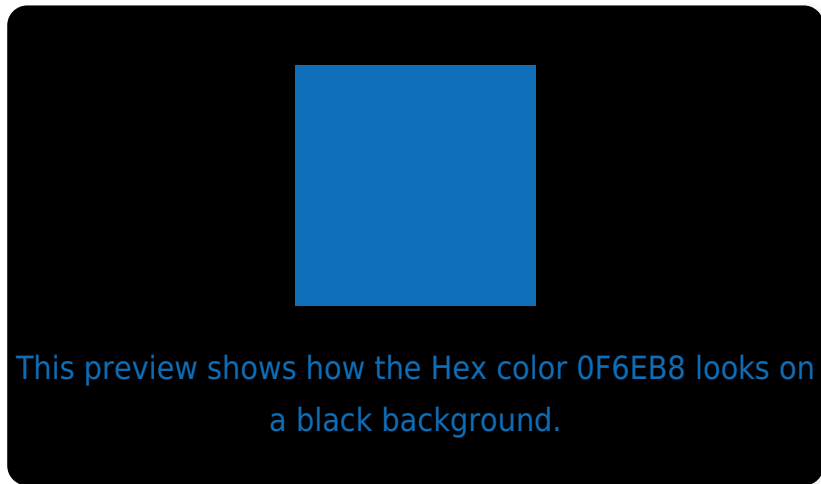
Large Text (above 18pt) WCAG AA ✓ Pass

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

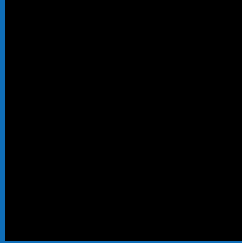
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F6EB8 Background



This preview shows how black text looks on a background with the Hex color 0F6EB8.



This preview shows how white text looks on a background with the Hex color 0F6EB8.

# 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](#).

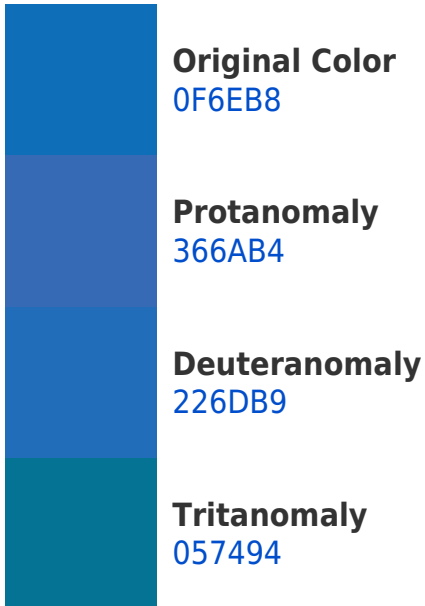
## Dichromacy





**Tritanopia**  
00777F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F6EB8 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 #0F6EB8 looks like.

```
.text, #text, p{  
    color:#0F6EB8  
}
```

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 #0F6EB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F6EB8
}
```

## Border

The CSS property to change the border of an element to Hex 0F6EB8 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
#0F6EB8 }
```

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

```
.border{ border-color:#0F6EB8 }
```

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

Here you see how a box with a 4 pixel #0F6EB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F6EB8; -webkit-box-shadow:4px 4px  
4px 4px #0F6EB8; box-shadow:4px 4px 4px  
4px #0F6EB8 }
```

# Background

The CSS property to change the background color of an element to Hex 0F6EB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F6EB8 }
```

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

```
.background{ background-color:#0F6EB8 }
```

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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