

# Converting Colors

Hex(0F47CE)

Have a look what the booklet for  
Hex(0F47CE) contains.

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# Color

**Hex(0F47CE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F47CE
RGB	15, 71, 206
RGB Percent	6%, 28%, 81%
CMY	0.9412, 0.7216, 0.1922
CMYK	0.93, 0.66, 0.00, 0.19
HSL	222°, 86%, 43%
HSV	222°, 93%, 81%
XYZ	13.5908, 9.0643, 59.4258
YIQ	69.6460, -76.7110, 30.1130

# Conversions

## Conversions Part 2

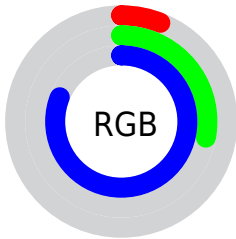
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	15, 58, 206
Decimal	1001422
CIE Lab	36.11, 36.86, -73.60
CIE LCh	36, 82.316, 296.600
Yxy	9.0643, 0.1656, 0.1104
Android (android.graphics.Color)	4279191502 (0xFF0F47CE)
YUV	69.6460, 67.2225, -47.9245
Hunter-Lab	30.1069, 27.8911, -95.9532

# Details

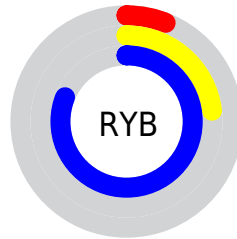
The Hex color **0F47CE** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **CE960F**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6977FF**, and **001D96** is the 20% darker color. If you saturate the color by 10%, you get **003CCE**, and if you desaturate by 10%, it is **2456CE**.

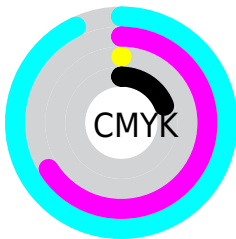
# Distribution



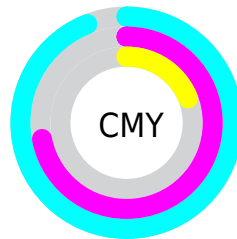
- Red (6%)
- Green (28%)
- Blue (81%)



- Red (6%)
- Yellow (23%)
- Blue (81%)



- Cyan (93%)
- Magenta (66%)
- Yellow (0%)
- Black (19%)



- Cyan (94%)
- Magenta (72%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F47CE 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 0F47CE by changing the saturation by 10% instead.



 0F47CE

 0F47CE

FFFFFF

 0031B2

 6977FF

 001D96

 8991FF

 000C7C

 A8ABFF

 000062

 C7C6FF

 000949

 E6E2FF

 000431

 00011B

 000000

 0F47CE

 0F47CE

■ 003CCE

■ 2456CE

■ 3864CE

■ 4D73CE

■ 6181CE

■ 7690CE

■ 8B9ECE

■ 9FADCE

■ B4BBCE

■ C8CACE

# Harmonies

## Analogous

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



0061DC



0F47CE



98009F

# Triad

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



0F47CE



9F2C00



006D4B

# Complementary

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



0F47CE



CE960F

# 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.



006900



0F47CE



6F5000

# Square

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



0F47CE



BC0020



2B6200



006E8F

# Rectangle

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



0F47CE



B60075



2B6200



006C34



# Sweetspot

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



0F47CE



B8CDFF



0FCE95



546180



000000



808080



# Same Dimension

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



0F47CE



004BFF



350FCE



5C5F66



0031A6



000B26



# Inverse Universe

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



CE0F47



FF004B



A8CE0F



665C5F



A60031

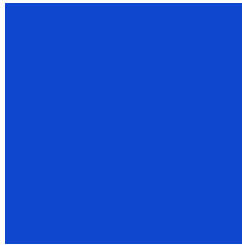


26000B



# Previews

## White Background



This preview shows how the Hex color 0F47CE looks on a white background.

## Color Contrast Check

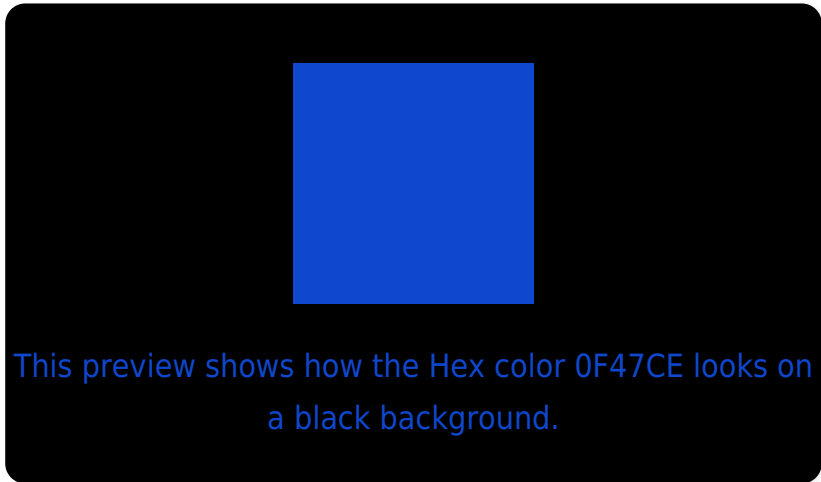
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

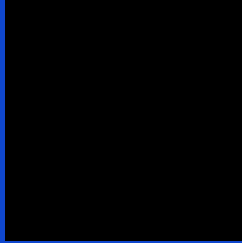
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F47CE Background



This preview shows how black text looks on a background with the Hex color 0F47CE.



This preview shows how white text looks on a background with the Hex color 0F47CE.

# 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**  
0F47CE

**Protanopia**  
0051AC

**Deuteranopia**  
005793



**Tritanopia**  
005E63

# Trichromacy



**Original Color**  
0F47CE

**Protanomaly**  
054DB8

**Deuteranomaly**  
0551A8

**Tritanomaly**  
05568A

# Monochromacy



**Original Color**  
0F47CE

**Achromatopsia**  
464646

**Achromatomaly**  
324677

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F47CE 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 #0F47CE looks like.

```
.text, #text, p{  
    color:#0F47CE  
}
```

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 #0F47CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F47CE
}
```

## Border

The CSS property to change the border of an element to Hex 0F47CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

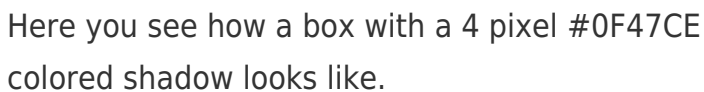
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F47CE }
```

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

```
.border{ border-color:#0F47CE }
```

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



Here you see how a box with a 4 pixel #0F47CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F47CE; -webkit-box-shadow:4px 4px  
4px 4px #0F47CE; box-shadow:4px 4px 4px  
4px #0F47CE }
```

# Background

The CSS property to change the background color of an element to Hex 0F47CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F47CE }
```

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

```
.background{ background-color:#0F47CE }
```

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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