

# Converting Colors

Hex(0761CD)

Have a look what the booklet for  
Hex(0761CD) contains.

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# Color

**Hex(0761CD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0761CD
RGB	7, 97, 205
RGB Percent	3%, 38%, 80%
CMY	0.9725, 0.6196, 0.1961
CMYK	0.97, 0.53, 0.00, 0.20
HSL	213°, 93%, 42%
HSV	213°, 97%, 80%
XYZ	15.3818, 13.0023, 59.4566
YIQ	82.4020, -88.3080, 14.5080

# Conversions

## Conversions Part 2

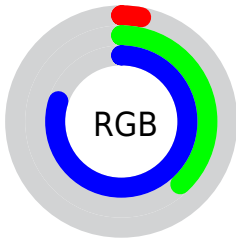
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 69, 205
Decimal	483789
CIE <sub>Lab</sub>	42.77, 19.17, -62.15
CIE <sub>LCh</sub>	43, 65.039, 287.142
Yxy	13.0023, 0.1751, 0.1480
Android (android.graphics.Color)	4278673869 (0xFF0761CD)
YUV	82.4020, 60.4408, -66.1276
Hunter-Lab	36.0588, 13.0408, -72.5210

# Details

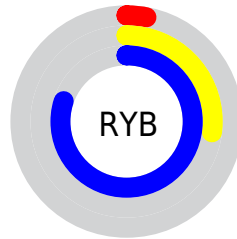
The Hex color **0761CD** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CD7307**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6593FF**, and **003496** is the 20% darker color. If you saturate the color by 10%, you get **005DCD**, and if you desaturate by 10%, it is **1C6CCD**.

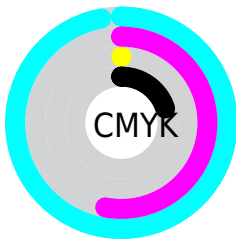
# Distribution



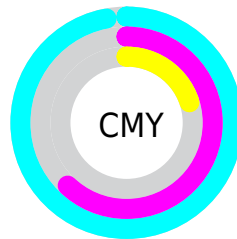
- Red (3%)
- Green (38%)
- Blue (80%)



- Red (3%)
- Yellow (27%)
- Blue (80%)



- Cyan (97%)
- Magenta (53%)
- Yellow (0%)
- Black (20%)



- Cyan (97%)
- Magenta (62%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0761CD 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 0761CD by changing the saturation by 10% instead.



 0761CD

 0761CD

FFFFFF

 004AB1

 6593FF

 003496

 85ADFF

 00217B

 A3C8FF

 000A62

 C2E4FF

 000949

 E1FFFF

 000431

 00011B

 000000

 0761CD

 0761CD

■ 005DCD

■ 1C6CCD

■ 3077CD

■ 4583CD

■ 598ECD

■ 6E99CD

■ 82A4CD

■ 97AFCD

■ ABBACD

■ C0C6CD

# Harmonies

## Analogous

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



0072CF



0761CD



8C46AF

# Triad

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



0761CD



B14014



007B4B

# Complementary

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



0761CD



CD7307

# 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.



06760D



0761CD



8E5A00

# Square

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



0761CD



C12249



5E6C00



007C83

# Rectangle

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



0761CD



AD2F90



5E6C00



007A38



# Sweetspot

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



0761CD



B5D7FF



07CD71



536780



000000



808080



# Same Dimension

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



0761CD



0074FF



0E07CD



5C6066



004BA6



001126



# Inverse Universe

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



CD0761



FF0074



C6CD07



665C60



A6004B



260011



# Previews

## White Background



This preview shows how the Hex color 0761CD looks on a white background.

## Color Contrast Check

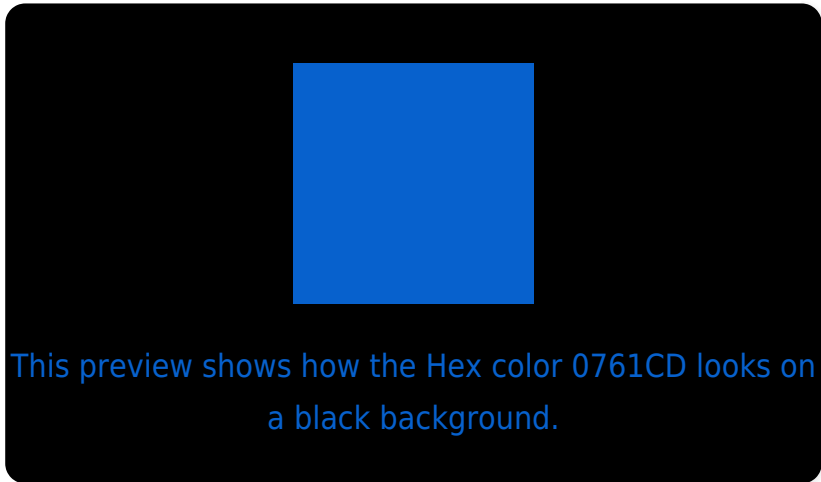
Large Text (above 18pt) WCAG AA ✓ Pass

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

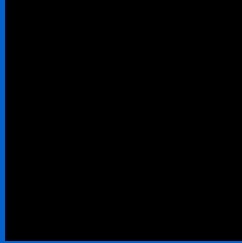
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0761CD Background



This preview shows how black text looks on a background with the Hex color 0761CD.



This preview shows how white text looks on a background with the Hex color 0761CD.

# 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**  
0761CD

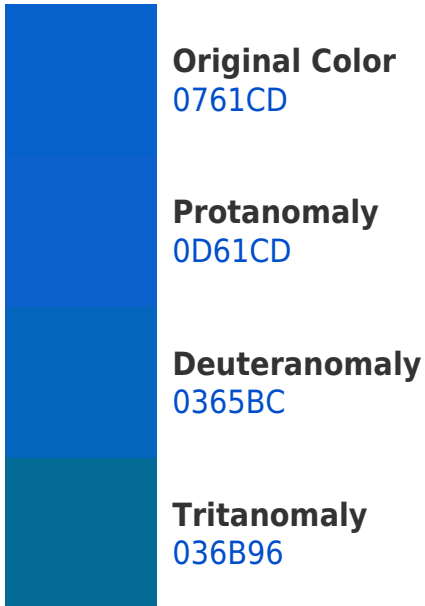
**Protanopia**  
1161CD

**Deuteranopia**  
0067B2



**Tritanopia**  
007077

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0761CD 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 #0761CD looks like.

```
.text, #text, p{  
    color:#0761CD  
}
```

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 #0761CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0761CD
}
```

## Border

The CSS property to change the border of an element to Hex 0761CD 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
#0761CD }
```

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

```
.border{ border-color:#0761CD }
```

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

Here you see how a box with a 4 pixel #0761CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0761CD; -webkit-box-shadow:4px 4px  
4px 4px #0761CD; box-shadow:4px 4px 4px  
4px #0761CD }
```

# Background

The CSS property to change the background color of an element to Hex 0761CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0761CD }
```

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

```
.background{ background-color:#0761CD }
```

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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