

Converting Colors

Hex(0461CF)

Have a look what the booklet for
Hex(0461CF) contains.

Hex(0461CF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0461CF)

Conversions

Conversions Part 1

Format	Color
Hex	0461CF
RGB	4, 97, 207
RGB Percent	2%, 38%, 81%
CMY	0.9843, 0.6196, 0.1882
CMYK	0.98, 0.53, 0.00, 0.19
HSL	213°, 96%, 41%
HSV	213°, 98%, 81%
XYZ	15.5872, 13.0802, 60.7347
YIQ	81.7330, -90.7380, 14.4940

Conversions

Conversions Part 2

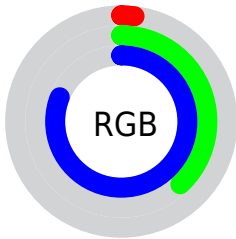
Format	Color
RYB	4, 68, 207
Decimal	287183
CIELab	42.88, 19.87, -63.11
CIELCh	43, 66.166, 287.479
Yxy	13.0802, 0.1743, 0.1463
Android (android.graphics.Color)	4278477263 (0xFF0461CF)
YUV	81.7330, 61.7566, -68.1718
Hunter-Lab	36.1666, 13.6394, -74.2494

Details

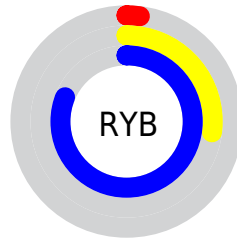
The Hex color **0461CF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **CF7204**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6593FF**, and **003498** is the 20% darker color. If you saturate the color by 10%, you get **005FCF**, and if you desaturate by 10%, it is **196CCF**.

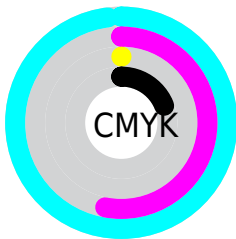
Distribution



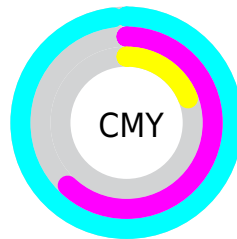
- Red (2%)
- Green (38%)
- Blue (81%)



- Red (2%)
- Yellow (27%)
- Blue (81%)



- Cyan (98%)
- Magenta (53%)
- Yellow (0%)
- Black (19%)



- Cyan (98%)
- Magenta (62%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0461CF 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 0461CF by changing the saturation by 10% instead.

■ 0461CF

FFFFFF

■ 6593FF

■ 85ADFF

■ A4C8FF

■ C2E4FF

■ E1FFFF

■ 0461CF

■ 004AB3

■ 003498

■ 00217D

■ 000B63

■ 00094A

■ 000433

■ 00021D

■ 000000

■ 0461CF

■ 0461CF

■ 005FCF

■ 196CCF

■ 2D77CF

■ 4283CF

■ 578ECF

■ 6B99CF

■ 80A4CF

■ 95B0CF

■ AABBCF

■ BEC6CF

Harmonies

Analogous

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



0073D1



0461CF



8E45B0

Triad

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



0461CF



B23F11



007B4C

Complementary

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



0461CF



CF7204

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.



00770B



0461CF



8E5B00

Square

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



0461CF



C31F48



5D6C00



007D85

Rectangle

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



0461CF



AF2D90



5D6C00



007A38

Sweetspot

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



0461CF



B5D7FF



04CF70



536780



000000



808080

Same Dimension

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



0461CF



0075FF



0B04CF



5E6369



004DA8



001329

Inverse Universe

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



CF0461



FF0075



C8CF04



695E63



A8004D



290013

Previews

White Background



This preview shows how the Hex color 0461CF looks on a white background.

Color Contrast Check

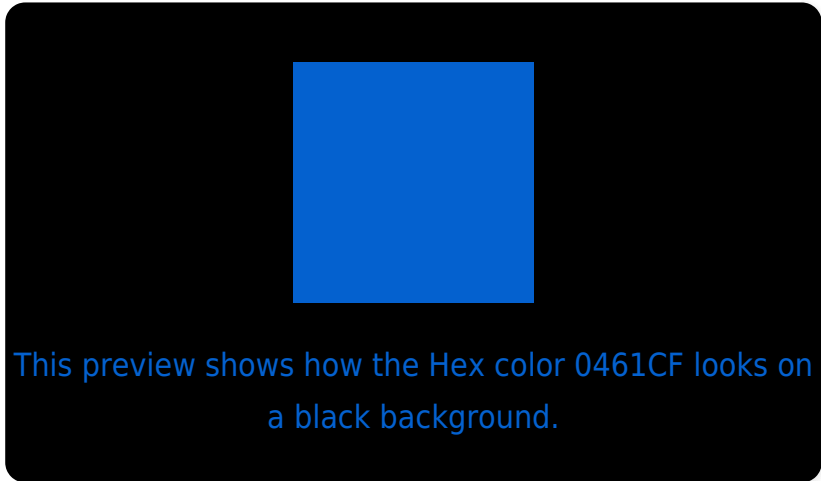
Large Text (above 18pt) WCAG AA ✓ Pass

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

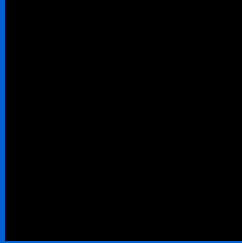
Any Text WCAG AA × Fail

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 0461CF Background



This preview shows how black text looks on a background with the Hex color 0461CF.



This preview shows how white text looks on a background with the Hex color 0461CF.

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

0461CF

Protanopia

0061CF

Deuteranopia

0067B2



Tritanopia
007077

Trichromacy



Original Color
0461CF

Protanomaly
0161CF

Deuteranomaly
0165BD

Tritanomaly
016B97

Monochromacy



Original Color
0461CF

Achromatopsia
525252

Achromatomaly
36577F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0461CF 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 #0461CF looks like.

```
.text, #text, p{  
    color:#0461CF  
}
```

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 #0461CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0461CF
}
```

Border

The CSS property to change the border of an element to Hex 0461CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

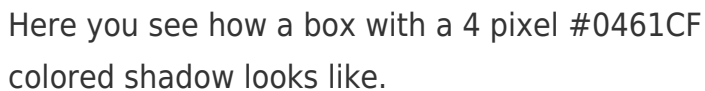
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0461CF }
```

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

```
.border{ border-color:#0461CF }
```

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



Here you see how a box with a 4 pixel #0461CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0461CF; -webkit-box-shadow:4px 4px  
4px 4px #0461CF; box-shadow:4px 4px 4px  
4px #0461CF }
```

Background

The CSS property to change the background color of an element to Hex 0461CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0461CF }
```

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

```
.background{ background-color:#0461CF }
```

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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