

Converting Colors

Hex(0161CA)

Have a look what the booklet for
Hex(0161CA) contains.

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Color

Hex(0161CA)

Conversions

Conversions Part 1

Format	Color
Hex	0161CA
RGB	1, 97, 202
RGB Percent	0%, 38%, 79%
CMY	0.9961, 0.6196, 0.2078
CMYK	1.00, 0.52, 0.00, 0.21
HSL	211°, 99%, 40%
HSV	211°, 100%, 79%
XYZ	14.9479, 12.8201, 57.5638
YIQ	80.2660, -90.9210, 12.3030

Conversions

Conversions Part 2

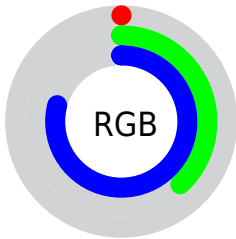
Format	Color
R_{YB}	1, 66, 202
Decimal	90570
CIE _{Lab}	42.49, 17.77, -60.87
CIE _{LCh}	42, 63.413, 286.276
Yxy	12.8201, 0.1752, 0.1502
Android (android.graphics.Color)	4278280650 (0xFF0161CA)
YUV	80.2660, 60.0149, -69.5163
Hunter-Lab	35.8052, 11.8608, -70.2566

Details

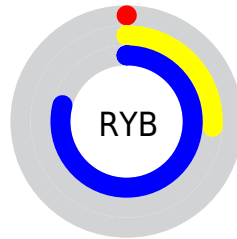
The Hex color **0161CA** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CA6A01**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6393FF**, and **003493** is the 20% darker color. If you saturate the color by 10%, you get **0060CA**, and if you desaturate by 10%, it is **156CCA**.

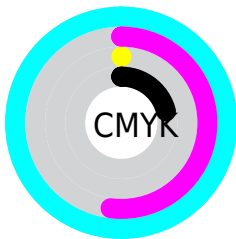
Distribution



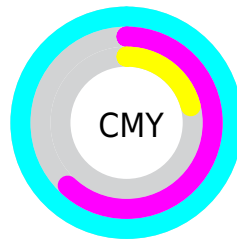
- Red (0%)
- Green (38%)
- Blue (79%)



- Red (0%)
- Yellow (26%)
- Blue (79%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (21%)





- Cyan (100%)
- Magenta (62%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0161CA 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 0161CA by changing the saturation by 10% instead.

 0161CA

 0161CA

FFFFFF

 004AAE

 6393FF

 003493

 83ADFF

 002179

 A1C8FF

 000A5F

 C0E4FF

 000846


 DEFFFF


 00042F

FDFFFF

 000119

 000000

 0161CA

 0161CA

■ 0060CA

■ 156CCA

■ 2976CA

■ 3E81CA

■ 528BCA

■ 6696CA

■ 7AA0CA

■ 8EABCA

■ A3B5CA

■ B7C0CA

Harmonies

Analogous

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



0071CB



0161CA



8947AE

Triad

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



0161CA



AF3F17



007A4A

Complementary

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



0161CA



CA6A01

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.



13750E



0161CA



8E5900

Square

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



0161CA



BF244A



606B00



007B80

Rectangle

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



0161CA



AA328F



606B00



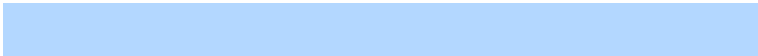
007837

Sweetspot

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



0161CA



B3D7FF



01CA69



526880



000000



808080

Same Dimension

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



0161CA



007AFF



0401CA



5C6166



004FA6



001226

Inverse Universe

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



CA0161



FF007A



C7CA01



665C61



A6004F



260012

Previews

White Background



This preview shows how the Hex color 0161CA looks on a white background.

Color Contrast Check

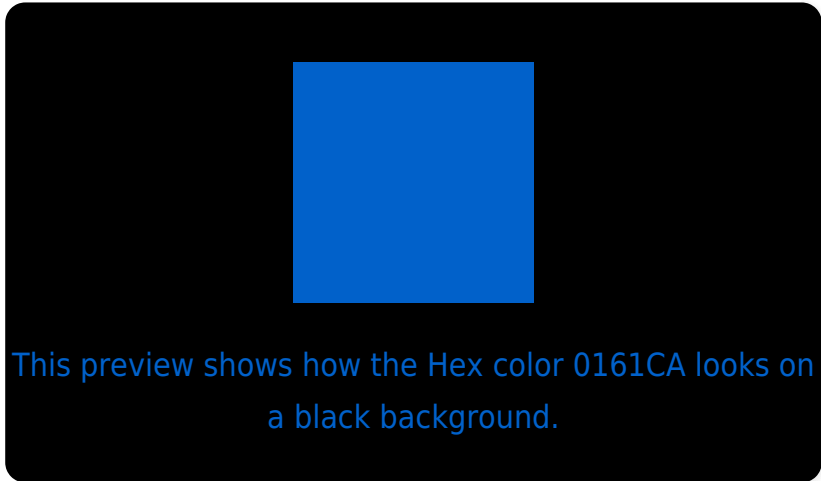
Large Text (above 18pt) WCAG AA ✓ Pass

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

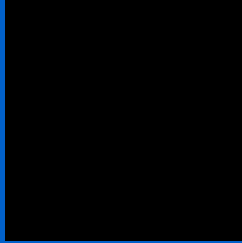
Any Text WCAG AA × Fail

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 0161CA Background



This preview shows how black text looks on a background with the Hex color 0161CA.



This preview shows how white text looks on a background with the Hex color 0161CA.

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](#).

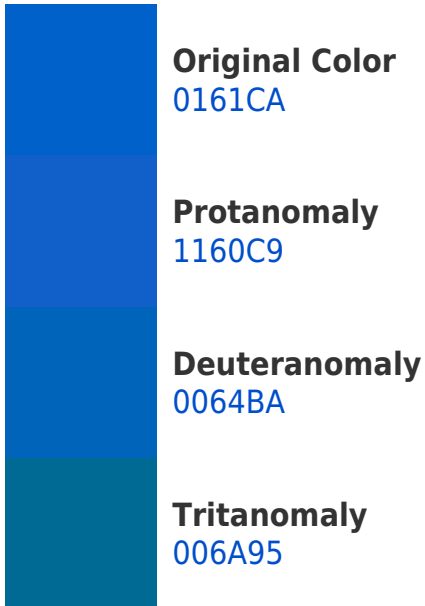
Dichromacy





Tritanopia
006F76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0161CA 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 #0161CA looks like.

```
.text, #text, p{  
    color:#0161CA  
}
```

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 #0161CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0161CA
}
```

Border

The CSS property to change the border of an element to Hex 0161CA 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
#0161CA }
```

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

```
.border{ border-color:#0161CA }
```

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

Here you see how a box with a 4 pixel #0161CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0161CA; -webkit-box-shadow:4px 4px  
4px 4px #0161CA; box-shadow:4px 4px 4px  
4px #0161CA }
```

Background

The CSS property to change the background color of an element to Hex 0161CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0161CA }
```

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

```
.background{ background-color:#0161CA }
```

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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