

Converting Colors

Hex(0162CD)

Have a look what the booklet for
Hex(0162CD) contains.

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Color

Hex(0162CD)

Conversions

Conversions Part 1

Format	Color
Hex	0162CD
RGB	1, 98, 205
RGB Percent	0%, 38%, 80%
CMY	0.9961, 0.6157, 0.1961
CMYK	1.00, 0.52, 0.00, 0.20
HSL	211°, 99%, 40%
HSV	211°, 100%, 80%
XYZ	15.3996, 13.1496, 59.4841
YIQ	81.1950, -92.1590, 12.7130

Conversions

Conversions Part 2

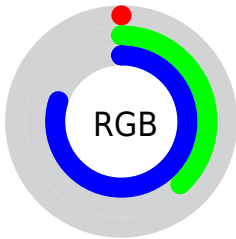
Format	Color
R _Y B	1, 67, 205
Decimal	90829
CIE Lab	42.99, 18.32, -61.79
CIE LCh	43, 64.453, 286.515
Yxy	13.1496, 0.1749, 0.1494
Android (android.graphics.Color)	4278280909 (0xFF0162CD)
YUV	81.1950, 61.0359, -70.3310
Hunter-Lab	36.2624, 12.3450, -71.8745

Details

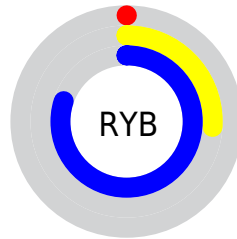
The Hex color **0162CD** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CD6C01**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6494FF**, and **003596** is the 20% darker color. If you saturate the color by 10%, you get **0061CD**, and if you desaturate by 10%, it is **156DCD**.

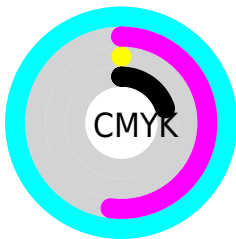
Distribution



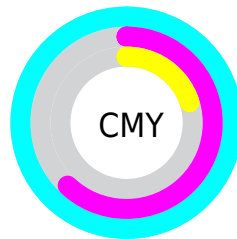
- Red (0%)
- Green (38%)
- Blue (80%)



- Red (0%)
- Yellow (26%)
- Blue (80%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (62%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0162CD 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 0162CD by changing the saturation by 10% instead.

 0162CD

 0162CD

FFFFFF

 004BB1

 6494FF

 003596

 84AEFF

 00217B

 A2CAFF

 000C62

 C1E5FF

 000949

 E0FFFF

 000431

 00011C

 000000

 0162CD

 0162CD

■ 0061CD

■ 156DCD

■ 2A78CD

■ 3E82CD

■ 538DCD

■ 6898CD

■ 7CA3CD

■ 91ADCD

■ A5B8CD

■ BAC3CD

Harmonies

Analogous

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



0073CE



0162CD



8B47B0

Triad

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



0162CD



B24017



007B4B

Complementary

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



0162CD



CD6C01

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.



10760D



0162CD



8F5A00

Square

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



0162CD



C2244B



606C00



007D82

Rectangle

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



0162CD



AD3291



606C00



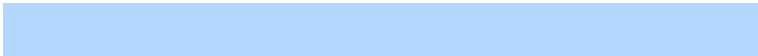
007A38

Sweetspot

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



0162CD



B3D7FF



01CD6A



526780



000000



808080

Same Dimension

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



0162CD



0079FF



0401CD



5C6166



004FA6



001226

Inverse Universe

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



CD0162



FF0079



CACD01



665C61



A6004F



260012

Previews

White Background



This preview shows how the Hex color 0162CD looks on a white background.

Color Contrast Check

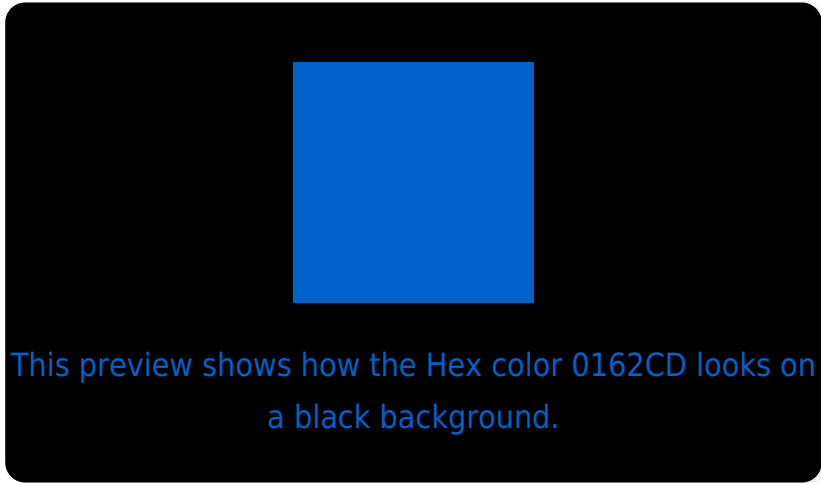
Large Text (above 18pt) WCAG AA ✓ Pass

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

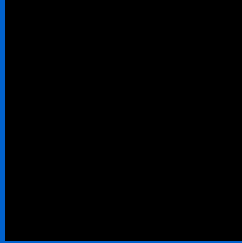
Any Text WCAG AA × Fail

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 0162CD Background



This preview shows how black text looks on a background with the Hex color 0162CD.



This preview shows how white text looks on a background with the Hex color 0162CD.

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



Trichromacy



Original Color
0162CD

Protanomaly
1062CC

Tritanomaly
006C97

Monochromacy



Original Color
0162CD

Achromatopsia
515151

Achromatomaly
34577E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0162CD 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 #0162CD looks like.

```
.text, #text, p{  
    color:#0162CD  
}
```

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 #0162CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0162CD
}
```

Border

The CSS property to change the border of an element to Hex 0162CD 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
#0162CD }
```

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

```
.border{ border-color:#0162CD }
```

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

Here you see how a box with a 4 pixel #0162CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0162CD; -webkit-box-shadow:4px 4px  
4px 4px #0162CD; box-shadow:4px 4px 4px  
4px #0162CD }
```

Background

The CSS property to change the background color of an element to Hex 0162CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0162CD }
```

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

```
.background{ background-color:#0162CD }
```

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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