

Converting Colors

Hex(0062CD)

Have a look what the booklet for
Hex(0062CD) contains.

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Color

Hex(0062CD)

Conversions

Conversions Part 1

Format	Color
Hex	0062CD
RGB	0, 98, 205
RGB Percent	0%, 38%, 80%
CMY	1.0000, 0.6157, 0.1961
CMYK	1.00, 0.52, 0.00, 0.20
HSL	211°, 100%, 40%
HSV	211°, 100%, 80%
XYZ	15.3871, 13.1431, 59.4835
YIQ	80.8960, -92.7550, 12.5010

Conversions

Conversions Part 2

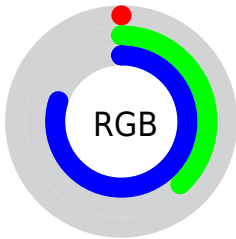
Format	Color
RYB	0, 66, 205
Decimal	25293
CIELab	42.98, 18.29, -61.81
CIElCh	43, 64.459, 286.484
Yxy	13.1431, 0.1748, 0.1493
Android (android.graphics.Color)	4278215373 (0xFF0062CD)
YUV	80.8960, 61.1833, -70.9458
Hunter-Lab	36.2535, 12.3175, -71.9036

Details

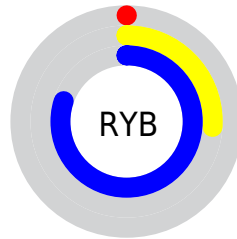
The Hex color **0062CD** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CD6B00**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6394FF**, and **003596** is the 20% darker color. If you saturate the color by 10%, you get **0062CD**, and if you desaturate by 10%, it is **146DCD**.

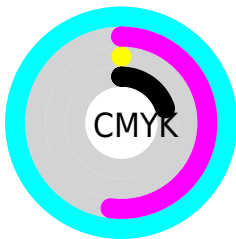
Distribution



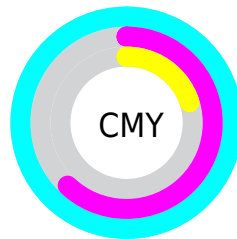
- Red (0%)
- Green (38%)
- Blue (80%)



- 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 0062CD 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 0062CD by changing the saturation by 10% instead.

 0062CD

 0062CD

FFFFFF

 004BB1

 6394FF

 003596

 83AEFF

 00217B

 A2CAFF

 000C62

 C1E5FF

 000949

 E0FFFF

 000431

FEFFFF

 00011C

 000000

 0062CD

 146DCD

 2977CD

 3E82CD

 528DCD

 6797CD

 7BA2CD

 90ADCD

 A4B8CD

 B9C2CD

Harmonies

Analogous

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



0073CE



0062CD



8B47B0

Triad

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



0062CD



B24017



007B4B

Complementary

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



0062CD



CD6B00

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



0062CD



8F5A00

Square

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



0062CD



C1244B



606C00



007D82

Rectangle

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



0062CD



AD3291



606C00



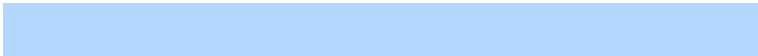
007A38

Sweetspot

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



0062CD



B3D7FF



00CD6A



526880



000000



808080

Same Dimension

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



0062CD



007AFF



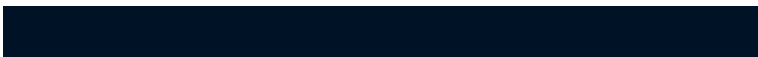
0300CD



5C6166



004FA6



001226

Inverse Universe

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



CD0062



FF007A



CACD00



665C61



A6004F



260012

Previews

White Background



This preview shows how the Hex color 0062CD looks on a white background.

Color Contrast Check

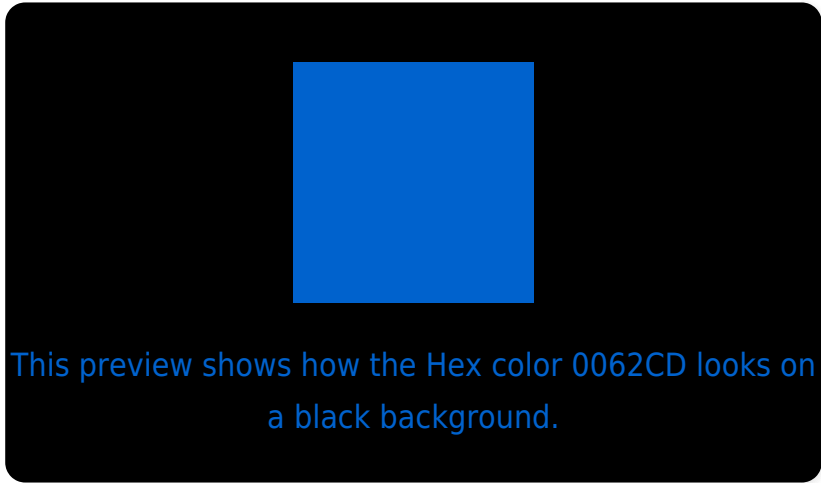
Large Text (above 18pt) WCAG AA ✓ Pass

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

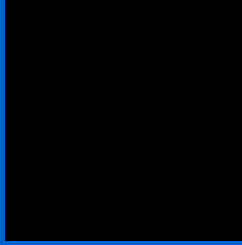
Any Text WCAG AA × Fail

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 0062CD Background



This preview shows how black text looks on a background with the Hex color 0062CD.



This preview shows how white text looks on a background with the Hex color 0062CD.

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
007178

Trichromacy



Original Color
0062CD

Protanomaly
0F62CC

Deuteranomaly
0066BC

Tritanomaly
006C97

Monochromacy



Original Color
0062CD

Achromatopsia
515151

Achromatomaly
34577E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0062CD 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 #0062CD looks like.

```
.text, #text, p{  
    color:#0062CD  
}
```

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 #0062CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0062CD
}
```

Border

The CSS property to change the border of an element to Hex 0062CD 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
#0062CD }
```

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

```
.border{ border-color:#0062CD }
```

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

Here you see how a box with a 4 pixel #0062CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0062CD; -webkit-box-shadow:4px 4px  
4px 4px #0062CD; box-shadow:4px 4px 4px  
4px #0062CD }
```

Background

The CSS property to change the background color of an element to Hex 0062CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0062CD }
```

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

```
.background{ background-color:#0062CD }
```

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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