

Converting Colors

Hex(0068CD)

Have a look what the booklet for
Hex(0068CD) contains.

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Color

Hex(0068CD)

Conversions

Conversions Part 1

Format	Color
Hex	0068CD
RGB	0, 104, 205
RGB Percent	0%, 41%, 80%
CMY	1.0000, 0.5922, 0.1961
CMYK	1.00, 0.49, 0.00, 0.20
HSL	210°, 100%, 40%
HSV	210°, 100%, 80%
XYZ	15.9698, 14.3084, 59.6777
YIQ	84.4180, -94.4050, 9.3630

Conversions

Conversions Part 2

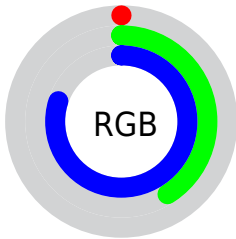
Format	Color
R_{YB}	0, 69, 205
Decimal	26829
CIE _{Lab}	44.67, 14.39, -59.07
CIE _{LCh}	45, 60.794, 283.688
Yxy	14.3084, 0.1775, 0.1591
Android (android.graphics.Color)	4278216909 (0xFF0068CD)
YUV	84.4180, 59.4469, -74.0346
Hunter-Lab	37.8265, 9.1637, -67.0616

Details

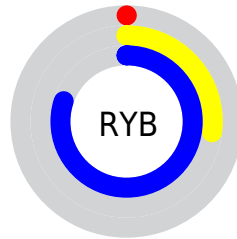
The Hex color **0068CD** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CD6500**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **639AFF**, and **003A96** is the 20% darker color. If you saturate the color by 10%, you get **0068CD**, and if you desaturate by 10%, it is **1472CD**.

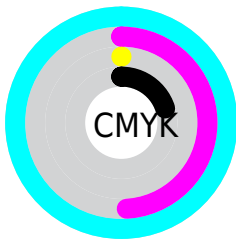
Distribution



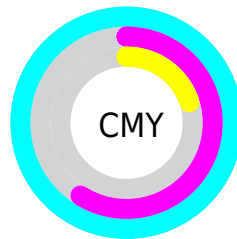
- Red (0%)
- Green (41%)
- Blue (80%)



- Red (0%)
- Yellow (27%)
- Blue (80%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (59%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0068CD 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 0068CD by changing the saturation by 10% instead.

 0068CD

 0068CD

FFFFFF

 0050B1

 639AFF

 003A96

 83B5FF

 00267B

 A2D0FF

 001362

 C1EDFF

 000949

 DFFFFF

 000432

FEFFFF

 00011C

 000000

 0068CD

■ 1472CD

■ 297CCD

■ 3E86CD

■ 5290CD

■ 679ACD

■ 7BA5CD

■ 90AFCD

■ A4B9CD

■ B9C3CD

Harmonies

Analogous

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



0077CB



0068CD



8850B4

Triad

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



0068CD



B64525



007E4B

Complementary

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



0068CD



CD6500

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.



2C7915



0068CD



965D00

Square

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



0068CD



C23055



6A6F00



008080

Rectangle

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



0068CD



AA3E97



6A6F00



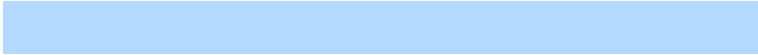
007D3A

Sweetspot

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



0068CD



B3D9FF



00CD63



526980



000000



808080

Same Dimension

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



0068CD



0081FF



0003CD



5C6166



0054A6



001326

Inverse Universe

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



CD0068



FF0081



CDCA00



665C61



A60054



260013

Previews

White Background



This preview shows how the Hex color 0068CD 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



This preview shows how the Hex color 0068CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

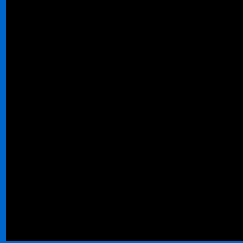
Any Text WCAG AA × Fail

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 0068CD Background



This preview shows how black text looks on a background with the Hex color 0068CD.



This preview shows how white text looks on a background with the Hex color 0068CD.

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
0068CD

Protanomaly
1E67CC

Deuteranomaly
006BC2

Monochromacy



Original Color
0068CD

Achromatopsia
545454

Achromatomaly
355B80

CSS Examples

Text

The CSS property to change the color of the text to Hex 0068CD 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 #0068CD looks like.

```
.text, #text, p{  
    color:#0068CD  
}
```

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 #0068CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0068CD
}
```

Border

The CSS property to change the border of an element to Hex 0068CD 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
#0068CD }
```

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

```
.border{ border-color:#0068CD }
```

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

Here you see how a box with a 4 pixel #0068CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0068CD; -webkit-box-shadow:4px 4px  
4px 4px #0068CD; box-shadow:4px 4px 4px  
4px #0068CD }
```

Background

The CSS property to change the background color of an element to Hex 0068CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0068CD }
```

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

```
.background{ background-color:#0068CD }
```

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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