

Converting Colors

Hex(0064CC)

Have a look what the booklet for
Hex(0064CC) contains.

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Color

Hex(0064CC)

Conversions

Conversions Part 1

Format	Color
Hex	0064CC
RGB	0, 100, 204
RGB Percent	0%, 39%, 80%
CMY	1.0000, 0.6078, 0.2000
CMYK	1.00, 0.51, 0.00, 0.20
HSL	211°, 100%, 40%
HSV	211°, 100%, 80%
XYZ	15.4563, 13.4740, 58.9128
YIQ	81.9560, -92.9840, 11.1440

Conversions

Conversions Part 2

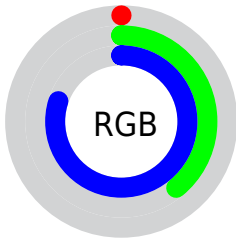
Format	Color
RYB	0, 67, 204
Decimal	25804
CIELab	43.47, 16.58, -60.44
CIELCh	43, 62.673, 285.342
Yxy	13.4740, 0.1760, 0.1534
Android (android.graphics.Color)	4278215884 (0xFF0064CC)
YUV	81.9560, 60.1677, -71.8754
Hunter-Lab	36.7069, 10.9243, -69.4628

Details

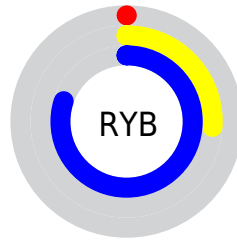
The Hex color **0064CC** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CC6800**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6396FF**, and **003795** is the 20% darker color. If you saturate the color by 10%, you get **0064CC**, and if you desaturate by 10%, it is **146ECC**.

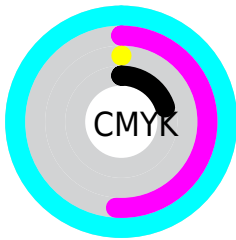
Distribution



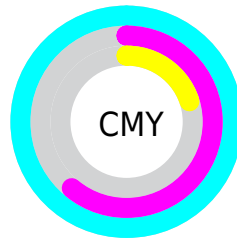
- Red (0%)
- Green (39%)
- Blue (80%)



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



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (61%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0064CC 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 0064CC by changing the saturation by 10% instead.

 0064CC

 0064CC

FFFFFF

 004DB0


 6396FF

 003795

 83B1FF

 00237A

 A2CCFF

 000E61

 C0E8FF

 000848

 DFFFFF

 000431

FEFFFF

 00011B

 000000

 0064CC

■ 146ECC

■ 2979CC

■ 3D83CC

■ 528ECC

■ 6698CC

■ 7AA2CC

■ 8FADCC

■ A3B7CC

■ B8C2CC

Harmonies

Analogous

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



0074CC



0064CC



894BB1

Triad

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



0064CC



B2421D



007C4A

Complementary

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



0064CC



CC6800

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.



1E7710



0064CC



915B00

Square

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



0064CC



C1294F



646D00



007E81

Rectangle

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



0064CC



AB3793



646D00



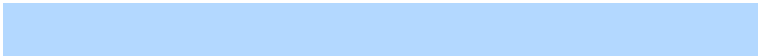
007B38

Sweetspot

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



0064CC



B3D8FF



00CC66



526880



000000



808080

Same Dimension

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



0064CC



007DFF



0000CC



5C6166



0051A6



001326

Inverse Universe

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



CC0064



FF007D



CCCC00



665C61



A60051



260013

Previews

White Background



This preview shows how the Hex color 0064CC looks on a white background.

Color Contrast Check

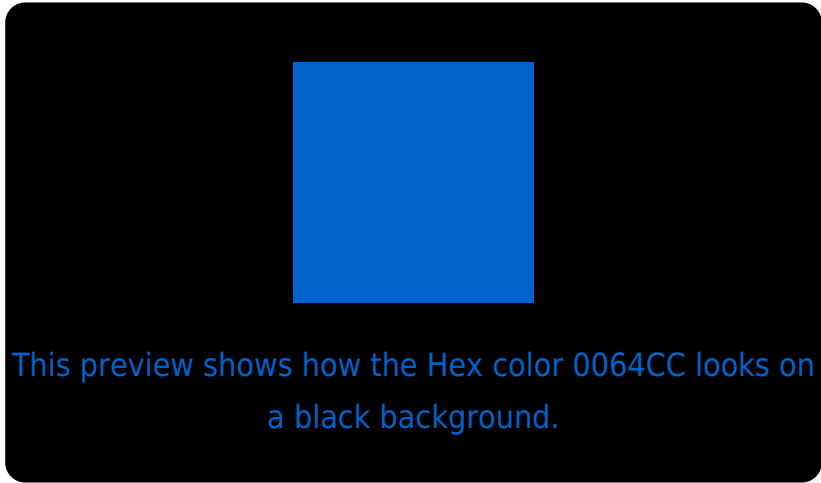
Large Text (above 18pt) WCAG AA ✓ Pass

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

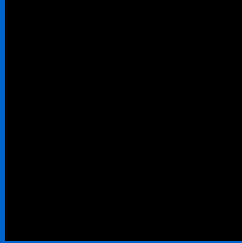
Any Text WCAG AA × Fail

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 0064CC Background



This preview shows how black text looks on a background with the Hex color 0064CC.



This preview shows how white text looks on a background with the Hex color 0064CC.

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
0064CC

Protanomaly
1663CB

Deuteranomaly
0067BE

Tritanomaly
006D97

Monochromacy



Original Color
0064CC

Achromatopsia
525252

Achromatomaly
34597E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0064CC 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 #0064CC looks like.

```
.text, #text, p{  
    color:#0064CC  
}
```

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 #0064CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0064CC
}
```

Border

The CSS property to change the border of an element to Hex 0064CC 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
#0064CC }
```

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

```
.border{ border-color:#0064CC }
```

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

Here you see how a box with a 4 pixel #0064CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0064CC; -webkit-box-shadow:4px 4px  
4px 4px #0064CC; box-shadow:4px 4px 4px  
4px #0064CC }
```

Background

The CSS property to change the background color of an element to Hex 0064CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0064CC }
```

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

```
.background{ background-color:#0064CC }
```

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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