

Converting Colors

Hex(0063CF)

Have a look what the booklet for
Hex(0063CF) contains.

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Color

Hex(0063CF)

Conversions

Conversions Part 1

Format	Color
Hex	0063CF
RGB	0, 99, 207
RGB Percent	0%, 39%, 81%
CMY	1.0000, 0.6118, 0.1882
CMYK	1.00, 0.52, 0.00, 0.19
HSL	211°, 100%, 41%
HSV	211°, 100%, 81%
XYZ	15.7243, 13.4287, 60.7947
YIQ	81.7110, -93.6720, 12.6000

Conversions

Conversions Part 2

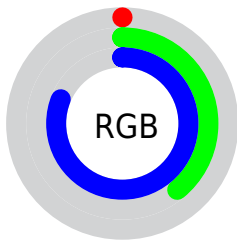
Format	Color
RYB	0, 67, 207
Decimal	25551
CIELab	43.40, 18.44, -62.27
CIELCh	43, 64.944, 286.494
Yxy	13.4287, 0.1748, 0.1493
Android (android.graphics.Color)	4278215631 (0xFF0063CF)
YUV	81.7110, 61.7675, -71.6605
Hunter-Lab	36.6452, 12.4648, -72.7112

Details

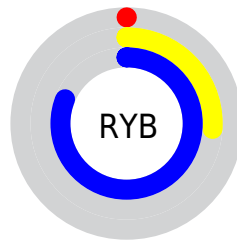
The Hex color **0063CF** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CF6C00**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6495FF**, and **003698** is the 20% darker color. If you saturate the color by 10%, you get **0063CF**, and if you desaturate by 10%, it is **156ECF**.

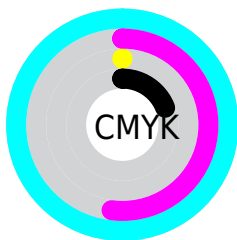
Distribution



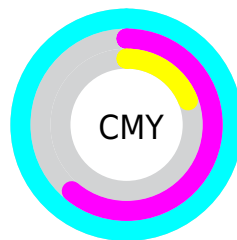
- Red (0%)
- Green (39%)
- Blue (81%)



- Red (0%)
- Yellow (26%)
- Blue (81%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (61%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0063CF 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 0063CF by changing the saturation by 10% instead.

 0063CF

 0063CF

FFFFFF

 004CB3

 6495FF

 003698

 84AFFF

 00227D

 A3CBFF

 000D63

 C2E7FF

 00094B

 E0FFFF

 000433

 00021D

 000000

 0063CF

 156ECF


 2979CF

 3E83CF

 538ECF

 6899CF

 7CA4CF

 91AFCF

 A6B9CF

 BAC4CF

Harmonies

Analogous

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



0074D0



0063CF



8C48B2

Triad

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



0063CF



B34117



007C4B

Complementary

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



0063CF



CF6C00

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.



10770D



0063CF



915B00

Square

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



0063CF



C3244C



616D00



007E84

Rectangle

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



0063CF



AE3293



616D00



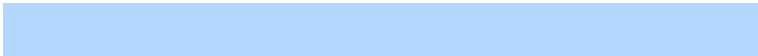
007B39

Sweetspot

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



0063CF



B3D7FF



00CF6B



526880



000000



808080

Same Dimension

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



0063CF



007AFF



0300CF



5E6369



0050A8



001429

Inverse Universe

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



CF0063



FF007A



CCCF00



695E63



A80050



290014

Previews

White Background



This preview shows how the Hex color 0063CF looks on a white background.

Color Contrast Check

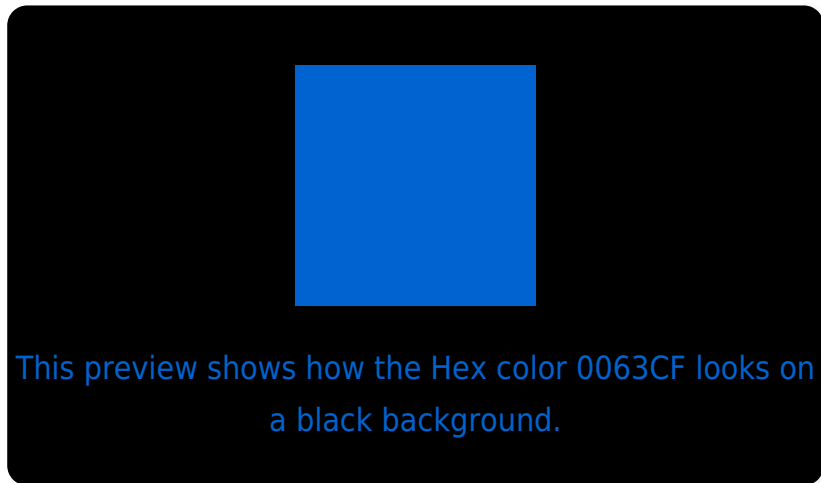
Large Text (above 18pt) WCAG AA ✓ Pass

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

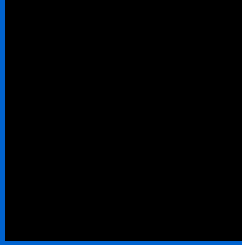
Any Text WCAG AA × Fail

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 0063CF Background



This preview shows how black text looks on a background with the Hex color 0063CF.



This preview shows how white text looks on a background with the Hex color 0063CF.

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



Original Color
0063CF

Protanopia
1862CE

Deuteranopia
0069B5



Trichromacy



Original Color
0063CF

Protanomaly
0F62CE

Deuteranomaly
0067BE

Tritanomaly
006D98

Monochromacy



Original Color
0063CF

Achromatopsia
525252

Achromatomaly
34587F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0063CF 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 #0063CF looks like.

```
.text, #text, p{  
    color:#0063CF  
}
```

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 #0063CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0063CF
}
```

Border

The CSS property to change the border of an element to Hex 0063CF 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
#0063CF }
```

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

```
.border{ border-color:#0063CF }
```

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

Here you see how a box with a 4 pixel #0063CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0063CF; -webkit-box-shadow:4px 4px  
4px 4px #0063CF; box-shadow:4px 4px 4px  
4px #0063CF }
```

Background

The CSS property to change the background color of an element to Hex 0063CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0063CF }
```

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

```
.background{ background-color:#0063CF }
```

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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