

Converting Colors

Hex(0064C2)

Have a look what the booklet for
Hex(0064C2) contains.

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Color

Hex(0064C2)

Conversions

Conversions Part 1

Format	Color
Hex	0064C2
RGB	0, 100, 194
RGB Percent	0%, 39%, 76%
CMY	1.0000, 0.6078, 0.2392
CMYK	1.00, 0.48, 0.00, 0.24
HSL	209°, 100%, 38%
HSV	209°, 100%, 76%
XYZ	14.2948, 13.0094, 52.7966
YIQ	80.8160, -89.7740, 8.0340

Conversions

Conversions Part 2

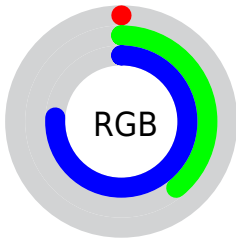
Format	Color
RYB	0, 66, 194
Decimal	25794
CIELab	42.78, 12.55, -55.78
CIELCh	43, 57.178, 282.677
Yxy	13.0094, 0.1785, 0.1624
Android (android.graphics.Color)	4278215874 (0xFF0064C2)
YUV	80.8160, 55.7997, -70.8756
Hunter-Lab	36.0685, 7.6237, -61.5399

Details

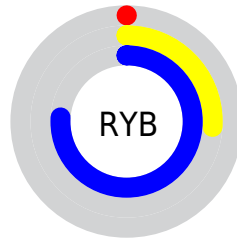
The Hex color **0064C2** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C25E00**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6096FB**, and **00378C** is the 20% darker color. If you saturate the color by 10%, you get **0064C2**, and if you desaturate by 10%, it is **136DC2**.

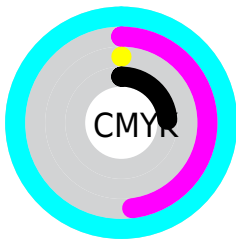
Distribution



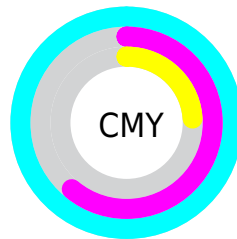
- Red (0%)
- Green (39%)
- Blue (76%)



- Red (0%)
- Yellow (26%)
- Blue (76%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (61%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0064C2 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 0064C2 by changing the saturation by 10% instead.

 0064C2

 0064C2

FFFFFF

 004DA6

 6096FB

 00378C

 7FB1FF

 002371

 9ECCFF

 000C58

 BCE8FF

 000740

 DBFFFF

 000329

 F9FFFF

 000113

 000000

 0064C2

■ 136DC2

■ 2777C2

■ 3A80C2

■ 4E8AC2

■ 6193C2

■ 749CC2

■ 88A6C2

■ 9BAFC2

■ AFB9C2

Harmonies

Analogous

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



0072C0



0064C2



804EAB

Triad

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



0064C2



AD4326



007947

Complementary

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



0064C2



C25E00

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.



307315



0064C2



905900

Square

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



0064C2



B83153



686900



007A78

Rectangle

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



0064C2



A03E91



686900



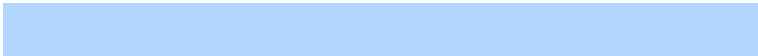
007737

Sweetspot

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



0064C2



B1D8FC



00C25E



526980



000000



808080

Same Dimension

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



0064C2



0082FC



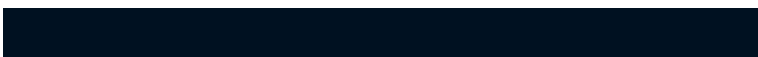
0003C2



575C61



0053A1



001121

Inverse Universe

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



C20064



FC0082



C2BF00



61575C



A10053



210011

Previews

White Background



This preview shows how the Hex color 0064C2 looks on a white background.

Color Contrast Check

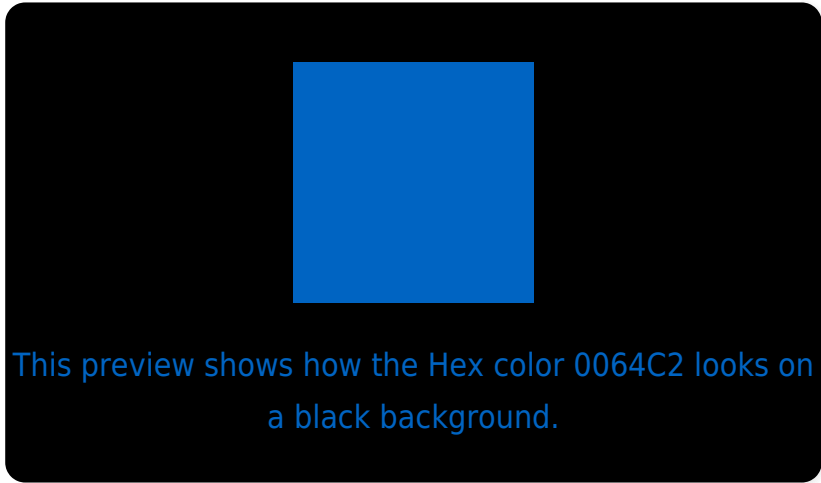
Large Text (above 18pt) WCAG AA ✓ Pass

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

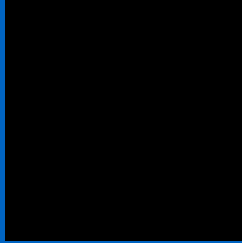
Any Text WCAG AA × Fail

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 0064C2 Background



This preview shows how black text looks on a background with the Hex color 0064C2.

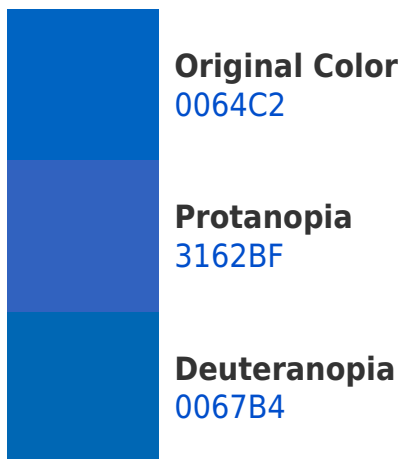


This preview shows how white text looks on a background with the Hex color 0064C2.

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
0064C2

Protanomaly
1F63C0

Deuteranomaly
0066B9

Monochromacy



Original Color
0064C2

Achromatopsia
515151

Achromatomaly
34587A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0064C2 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 #0064C2 looks like.

```
.text, #text, p{  
    color:#0064C2  
}
```

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 #0064C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0064C2
}
```

Border

The CSS property to change the border of an element to Hex 0064C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

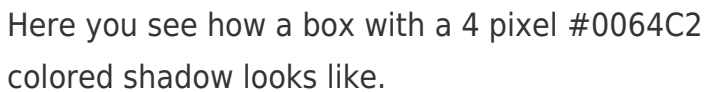
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0064C2 }
```

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

```
.border{ border-color:#0064C2 }
```

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



Here you see how a box with a 4 pixel #0064C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0064C2; -webkit-box-shadow:4px 4px  
4px 4px #0064C2; box-shadow:4px 4px 4px  
4px #0064C2 }
```

Background

The CSS property to change the background color of an element to Hex 0064C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0064C2 }
```

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

```
.background{ background-color:#0064C2 }
```

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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