

Converting Colors

Hex(0065C5)

Have a look what the booklet for
Hex(0065C5) contains.

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Color

Hex(0065C5)

Conversions

Conversions Part 1

Format	Color
Hex	0065C5
RGB	0, 101, 197
RGB Percent	0%, 40%, 77%
CMY	1.0000, 0.6039, 0.2275
CMYK	1.00, 0.49, 0.00, 0.23
HSL	209°, 100%, 39%
HSV	209°, 100%, 77%
XYZ	14.7317, 13.3386, 54.6215
YIQ	81.7450, -91.0120, 8.4440

Conversions

Conversions Part 2

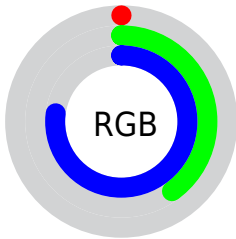
Format	Color
RYB	0, 67, 197
Decimal	26053
CIELab	43.27, 13.11, -56.73
CIELCh	43, 58.222, 283.014
Yxy	13.3386, 0.1782, 0.1613
Android (android.graphics.Color)	4278216133 (0xFF0065C5)
YUV	81.7450, 56.8207, -71.6904
Hunter-Lab	36.5220, 8.0872, -63.1073

Details

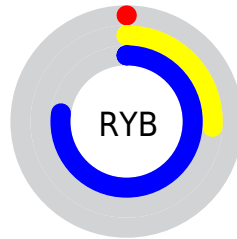
The Hex color **0065C5** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C56000**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6197FE**, and **00388E** is the 20% darker color. If you saturate the color by 10%, you get **0065C5**, and if you desaturate by 10%, it is **146FC5**.

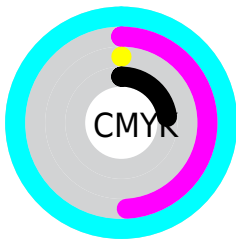
Distribution



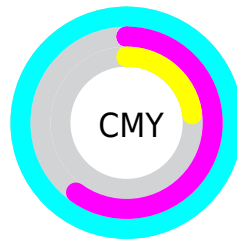
- Red (0%)
- Green (40%)
- Blue (77%)



- Red (0%)
- Yellow (26%)
- Blue (77%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (60%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0065C5 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 0065C5 by changing the saturation by 10% instead.

 0065C5

 0065C5

FFFFFF

 004EA9

 6197FE

 00388E

 80B2FF

 002374

 9FCDFE

 000E5B

 BDE9FF

 000742

 DCFFFF

 00032B

 FAFFFF

 000116

 000000

 0065C5

 146FC5

 2778C5

 3B82C5

 4F8BC5

 6395C5

 769FC5

 8AA8C5

 9EB2C5

 B1BBC5

Harmonies

Analogous

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



0073C3



0065C5



824FAD

Triad

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



0065C5



AF4326



007A48

Complementary

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



0065C5



C56000

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.



2F7515



0065C5



925A00

Square

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



0065C5



BB3053



686B00



007C7B

Rectangle

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



0065C5



A33E93



686B00



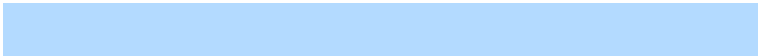
007938

Sweetspot

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



0065C5



B3DAFF



00C55F



526980



000000



808080

Same Dimension

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



0065C5



0083FF



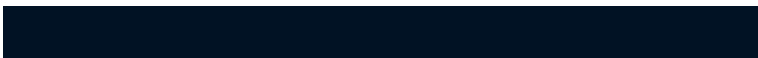
0003C5



5A5F63



0054A3



001224

Inverse Universe

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



C50065



FF0083



C5C200



635A5F



A30054



240012

Previews

White Background



This preview shows how the Hex color 0065C5 looks on a white background.

Color Contrast Check

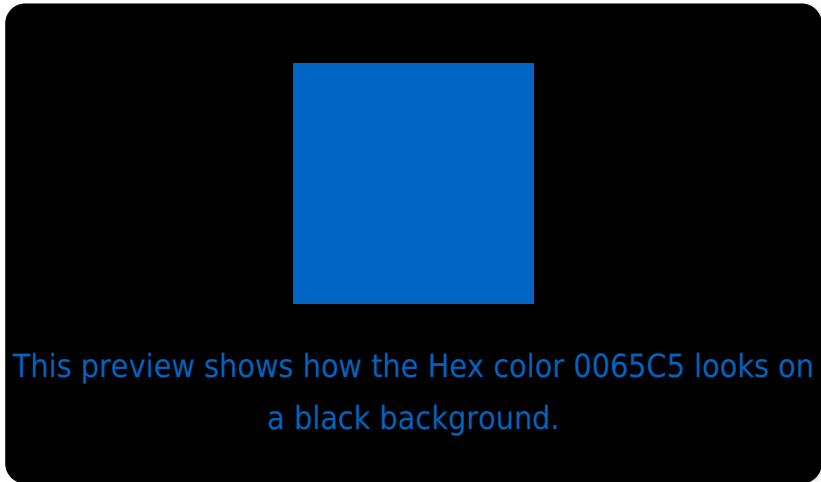
Large Text (above 18pt) WCAG AA ✓ Pass

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

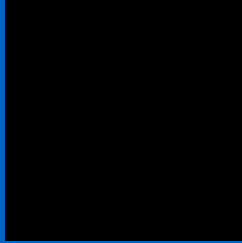
Any Text WCAG AA × Fail

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 0065C5 Background



This preview shows how black text looks on a background with the Hex color 0065C5.



This preview shows how white text looks on a background with the Hex color 0065C5.

Color Blindness Simulation

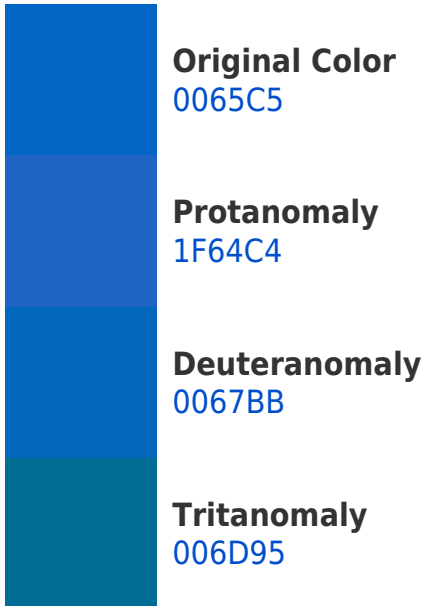
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0065C5 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 #0065C5 looks like.

```
.text, #text, p{  
    color:#0065C5  
}
```

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 #0065C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0065C5
}
```

Border

The CSS property to change the border of an element to Hex 0065C5 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
#0065C5 }
```

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

```
.border{ border-color:#0065C5 }
```

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

Here you see how a box with a 4 pixel #0065C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0065C5; -webkit-box-shadow:4px 4px  
4px 4px #0065C5; box-shadow:4px 4px 4px  
4px #0065C5 }
```

Background

The CSS property to change the background color of an element to Hex 0065C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0065C5 }
```

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

```
.background{ background-color:#0065C5 }
```

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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