

Converting Colors

Hex(0060C5)

Have a look what the booklet for
Hex(0060C5) contains.

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Color

Hex(0060C5)

Conversions

Conversions Part 1

Format	Color
Hex	0060C5
RGB	0, 96, 197
RGB Percent	0%, 38%, 77%
CMY	1.0000, 0.6235, 0.2275
CMYK	1.00, 0.51, 0.00, 0.23
HSL	211°, 100%, 39%
HSV	211°, 100%, 77%
XYZ	14.2609, 12.3970, 54.4645
YIQ	78.8100, -89.6370, 11.0590

Conversions

Conversions Part 2

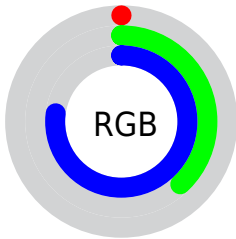
Format	Color
RYB	0, 65, 197
Decimal	24773
CIELab	41.84, 16.38, -59.04
CIELCh	42, 61.268, 285.504
Yxy	12.3970, 0.1758, 0.1528
Android (android.graphics.Color)	4278214853 (0xFF0060C5)
YUV	78.8100, 58.2677, -69.1164
Hunter-Lab	35.2093, 10.6820, -67.0679

Details

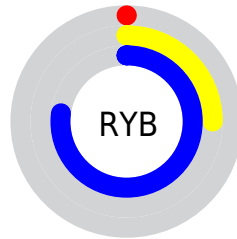
The Hex color **0060C5** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C56500**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6192FE**, and **00338E** is the 20% darker color. If you saturate the color by 10%, you get **0060C5**, and if you desaturate by 10%, it is **146AC5**.

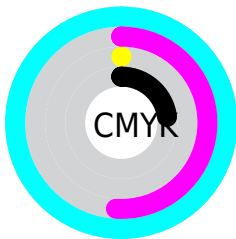
Distribution



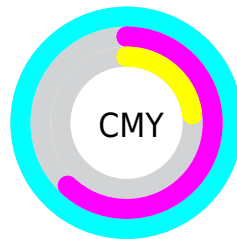
- Red (0%)
- Green (38%)
- Blue (77%)



- Red (0%)
- Yellow (25%)
- Blue (77%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (62%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0060C5 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 0060C5 by changing the saturation by 10% instead.

 0060C5

 0060C5

FFFFFF

 0049A9

 6192FE

 00338E

 81ACFF

 002074

 9FC7FF

 00075B

 BEE3FF

 000742

 DCFFFF

 00032B

 FBFFFF

 000115

 000000

 0060C5

 146AC5

 2774C5

 3B7EC5

 4F88C5

 6393C5

 769DC5

 8AA7C5

 9EB1C5

 B1BBC5

Harmonies

Analogous

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



0070C5



0060C5



8447AA

Triad

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



0060C5



AC3F1A



007748

Complementary

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



0060C5



C56500

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.



1B720F



0060C5



8C5700

Square

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



0060C5



BA264B



606800



00797C

Rectangle

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



0060C5



A5348E



606800



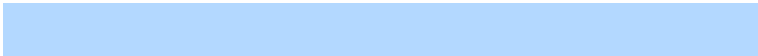
007636

Sweetspot

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



0060C5



B3D8FF



00C563



526880



000000



808080

Same Dimension

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



0060C5



007CFF



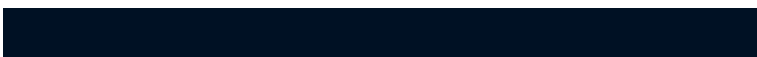
0000C5



5A5E63



0050A3



001124

Inverse Universe

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



C50060



FF007C



C5C500



635A5E



A30050



240011

Previews

White Background



This preview shows how the Hex color 0060C5 looks on a white background.

Color Contrast Check

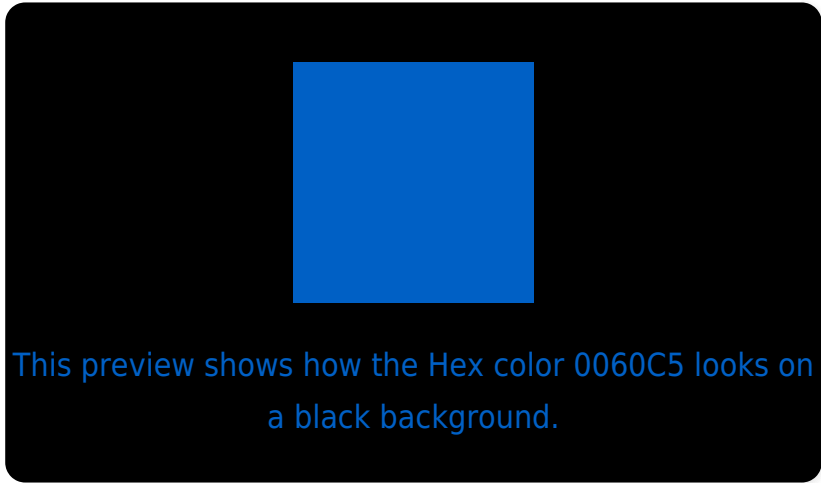
Large Text (above 18pt) WCAG AA ✓ Pass

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

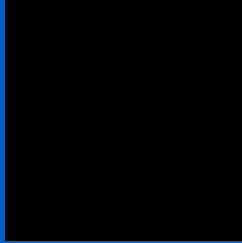
Any Text WCAG AA × Fail

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 0060C5 Background



This preview shows how black text looks on a background with the Hex color 0060C5.



This preview shows how white text looks on a background with the Hex color 0060C5.

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





Tritanopia
006E74

Trichromacy



Original Color
0060C5

Protanomaly
145FC4

Deuteranomaly
0063B7

Tritanomaly
006991

Monochromacy



Original Color
0060C5

Achromatopsia
4F4F4F

Achromatomaly
32557A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0060C5 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 #0060C5 looks like.

```
.text, #text, p{  
    color:#0060C5  
}
```

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 #0060C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0060C5
}
```

Border

The CSS property to change the border of an element to Hex 0060C5 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
#0060C5 }
```

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

```
.border{ border-color:#0060C5 }
```

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

Here you see how a box with a 4 pixel #0060C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0060C5; -webkit-box-shadow:4px 4px  
4px 4px #0060C5; box-shadow:4px 4px 4px  
4px #0060C5 }
```

Background

The CSS property to change the background color of an element to Hex 0060C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0060C5 }
```

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

```
.background{ background-color:#0060C5 }
```

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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