

Converting Colors

Hex(0061C6)

Have a look what the booklet for
Hex(0061C6) contains.

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Color

Hex(0061C6)

Conversions

Conversions Part 1

Format	Color
Hex	0061C6
RGB	0, 97, 198
RGB Percent	0%, 38%, 78%
CMY	1.0000, 0.6196, 0.2235
CMYK	1.00, 0.51, 0.00, 0.22
HSL	211°, 100%, 39%
HSV	211°, 100%, 78%
XYZ	14.4677, 12.6266, 55.1007
YIQ	79.5110, -90.2330, 10.8470

Conversions

Conversions Part 2

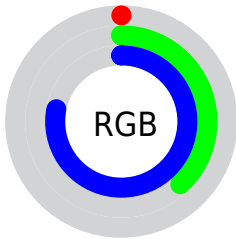
Format	Color
RYB	0, 65, 198
Decimal	25030
CIELab	42.20, 16.13, -59.04
CIELCh	42, 61.204, 285.276
Yxy	12.6266, 0.1760, 0.1536
Android (android.graphics.Color)	4278215110 (0xFF0061C6)
YUV	79.5110, 58.4151, -69.7311
Hunter-Lab	35.5339, 10.4924, -67.0643

Details

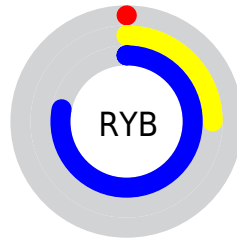
The Hex color **0061C6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C66500**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6193FF**, and **00348F** is the 20% darker color. If you saturate the color by 10%, you get **0061C6**, and if you desaturate by 10%, it is **146BC6**.

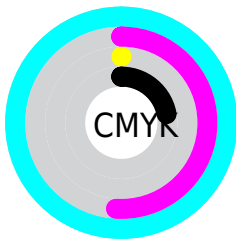
Distribution



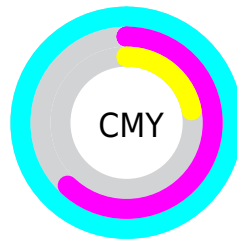
- Red (0%)
- Green (38%)
- Blue (78%)



- Red (0%)
- Yellow (25%)
- Blue (78%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (62%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0061C6 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 0061C6 by changing the saturation by 10% instead.

 0061C6

 0061C6

FFFFFF

 004AAA

 6193FF

 00348F

 81ADFF

 002075

 A0C8FF

 00095C

 BEE4FF

 000743

 DDFFFF

 00032C

 FBFFFF

 000116

 000000

 0061C6

 146BC6

 2875C6

 3B7FC6

 4F89C6

 6394C6

 779EC6

 8BA8C6

 9EB2C6

 B2BCC6

Harmonies

Analogous

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



0071C6



0061C6



8548AB

Triad

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



0061C6



AD401C



007848

Complementary

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



0061C6



C66500

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.



1E7310



0061C6



8D5800

Square

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



0061C6



BB284C



616900



007A7D

Rectangle

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



0061C6



A6358F



616900



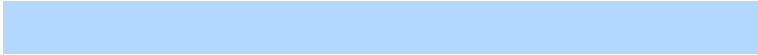
007736

Sweetspot

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



0061C6



B3D8FF



00C663



526880



000000



808080

Same Dimension

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



0061C6



007DFF



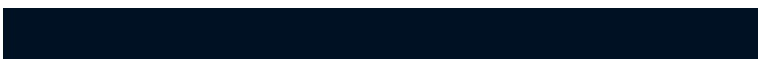
0000C6



5A5E63



0050A3



001124

Inverse Universe

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



C60061



FF007D



C6C600



635A5E



A30050



240011

Previews

White Background



This preview shows how the Hex color 0061C6 looks on a white background.

Color Contrast Check

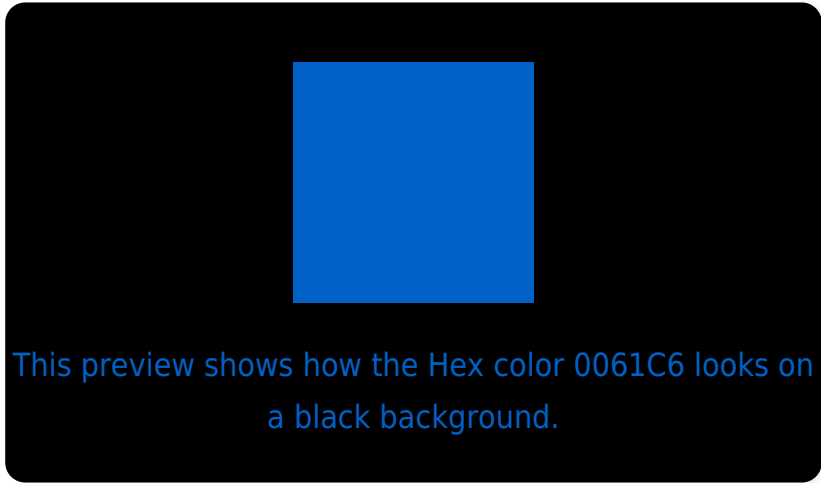
Large Text (above 18pt) WCAG AA ✓ Pass

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

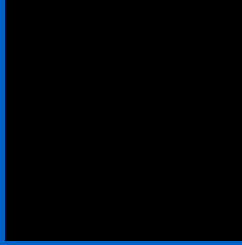
Any Text WCAG AA × Fail

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 0061C6 Background



This preview shows how black text looks on a background with the Hex color 0061C6.



This preview shows how white text looks on a background with the Hex color 0061C6.

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](#).

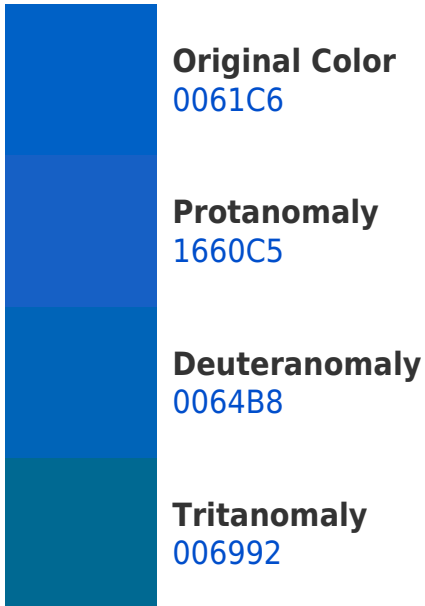
Dichromacy





Tritanopia
006E75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0061C6 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 #0061C6 looks like.

```
.text, #text, p{  
    color:#0061C6  
}
```

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 #0061C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0061C6
}
```

Border

The CSS property to change the border of an element to Hex 0061C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

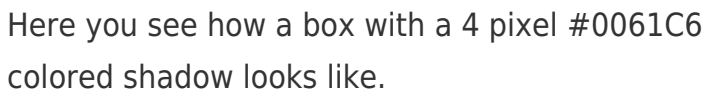
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0061C6 }
```

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

```
.border{ border-color:#0061C6 }
```

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



Here you see how a box with a 4 pixel #0061C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0061C6; -webkit-box-shadow:4px 4px  
4px 4px #0061C6; box-shadow:4px 4px 4px  
4px #0061C6 }
```

Background

The CSS property to change the background color of an element to Hex 0061C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0061C6 }
```

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

```
.background{ background-color:#0061C6 }
```

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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