

Converting Colors

Hex(0061BB)

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

Hex(0061BB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(0061BB)

Conversions

Conversions Part 1

Format	Color
Hex	0061BB
RGB	0, 97, 187
RGB Percent	0%, 38%, 73%
CMY	1.0000, 0.6196, 0.2667
CMYK	1.00, 0.48, 0.00, 0.27
HSL	209°, 100%, 37%
HSV	209°, 100%, 73%
XYZ	13.2443, 12.1372, 48.6584
YIQ	78.2570, -86.7020, 7.4260

Conversions

Conversions Part 2

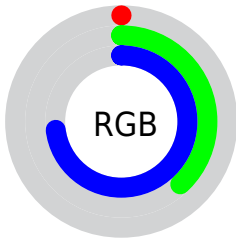
Format	Color
RYB	0, 64, 187
Decimal	25019
CIELab	41.43, 11.66, -53.88
CIELCh	41, 55.132, 282.211
Yxy	12.1372, 0.1789, 0.1639
Android (android.graphics.Color)	4278215099 (0xFF0061BB)
YUV	78.2570, 53.6103, -68.6314
Hunter-Lab	34.8385, 6.8917, -58.4223

Details

The Hex color **0061BB** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BB5A00**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5E93F4**, and **003485** is the 20% darker color. If you saturate the color by 10%, you get **0061BB**, and if you desaturate by 10%, it is **136ABB**.

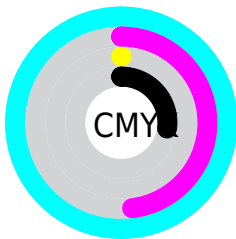
Distribution



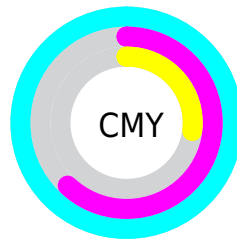
- Red (0%)
- Green (38%)
- Blue (73%)



- Red (0%)
- Yellow (25%)
- Blue (73%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (62%)
- Yellow (27%)

Brightness & Saturation Gradients

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

■ 0061BB

■ 0061BB

FFFFFF

■ 004AA0

■ 5E93F4

■ 003485

■ 7DADFF

■ 00206B

■ 9BC8FF

■ 000752

■ B9E4FF

■ 00063A

■ D8FFFF

■ 000224

■ F6FFFF

■ 00000B

■ 000000

■ 0061BB

 136ABB

 2573BB

 387CBB

 4B85BB

 5E8EBB

 7097BB

 83A0BB

 96A9BB

 A8B2BB

Harmonies

Analogous

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



006EB8



0061BB



7A4DA5

Triad

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



0061BB



A74126



007444

Complementary

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



0061BB



BB5A00

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.



306F15



0061BB



8C5600

Square

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



0061BB



B23051



656500



007674

Rectangle

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



0061BB



9A3D8D



656500



007335

Sweetspot

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



0061BB



AACFF2



00BB57



4E657A



FAFAFA



7A7A7A

Same Dimension

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



0061BB



007EF2



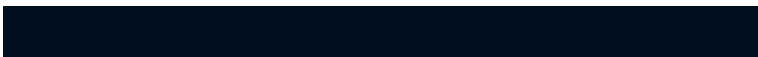
0006BB



555A5E



00529E



00101F

Inverse Universe

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



BB0061



F2007E



BBB500



5E555A



9E0052



1F0010

Previews

White Background



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

Color Contrast Check

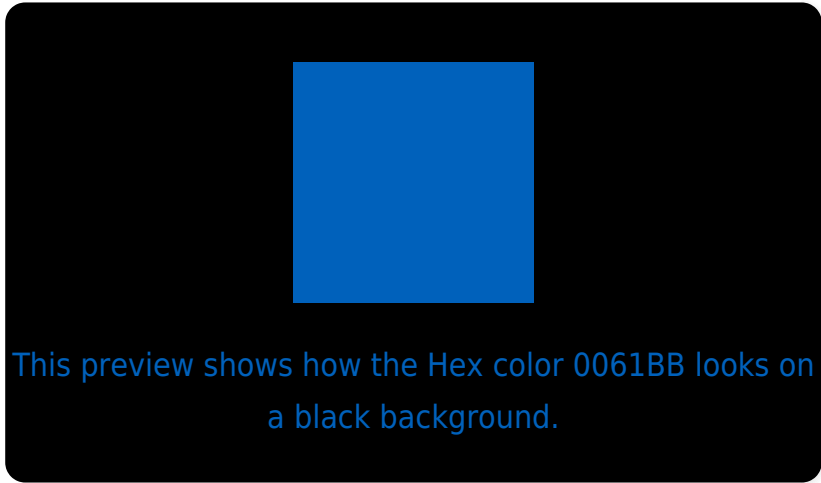
Large Text (above 18pt) WCAG AA ✓ Pass

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

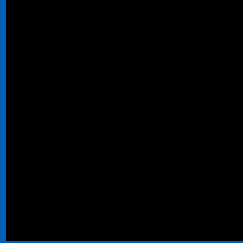
Any Text WCAG AA × Fail

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 0061BB Background



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

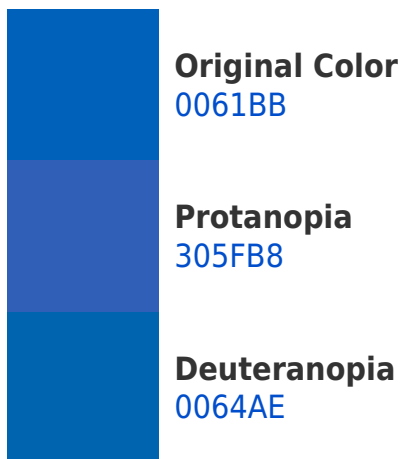


This preview shows how white text looks on a background with the Hex color 0061BB.

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
0061BB

Protanomaly
1F60B9

Deuteranomaly
0063B3

Monochromacy



Original Color
0061BB

Achromatopsia
4E4E4E

Achromatomaly
325576

CSS Examples

Text

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

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

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 #0061BB colored shadow looks like.

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

Border

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

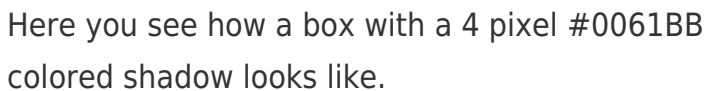
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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