

Converting Colors

Hex(0061B4)

Have a look what the booklet for
Hex(0061B4) contains.

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Color

Hex(0061B4)

Conversions

Conversions Part 1

Format	Color
Hex	0061B4
RGB	0, 97, 180
RGB Percent	0%, 38%, 71%
CMY	1.0000, 0.6196, 0.2941
CMYK	1.00, 0.46, 0.00, 0.29
HSL	208°, 100%, 35%
HSV	208°, 100%, 71%
XYZ	12.5129, 11.8447, 44.8068
YIQ	77.4590, -84.4550, 5.2490

Conversions

Conversions Part 2

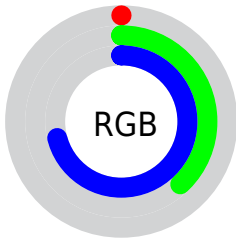
Format	Color
RYB	0, 63, 180
Decimal	25012
CIELab	40.97, 8.80, -50.54
CIELCh	41, 51.302, 279.882
Yxy	11.8447, 0.1809, 0.1713
Android (android.graphics.Color)	4278215092 (0xFF0061B4)
YUV	77.4590, 50.5527, -67.9315
Hunter-Lab	34.4161, 4.6704, -53.0992

Details

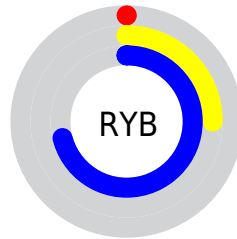
The Hex color **0061B4** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B45300**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5C93EC**, and **00347E** is the 20% darker color. If you saturate the color by 10%, you get **0061B4**, and if you desaturate by 10%, it is **1269B4**.

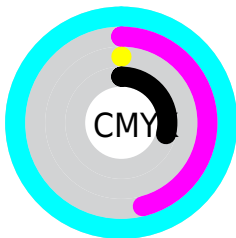
Distribution



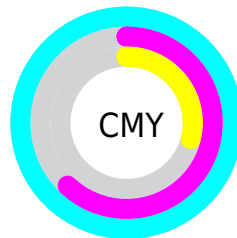
- Red (0%)
- Green (38%)
- Blue (71%)



- Red (0%)
- Yellow (25%)
- Blue (71%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (62%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0061B4 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 0061B4 by changing the saturation by 10% instead.

■ 0061B4

■ 0061B4

FFFFFF

■ 004A99

■ 5C93EC

■ 00347E

■ 7BADFF

■ 002065

■ 99C9FF

■ 00064C

■ B6E5FF

■ 000535

■ D4FFFF

■ 00021F

■ F3FFFF

■ 000001

■ 000000

■ 0061B4

■ 1269B4

■ 2472B4

■ 367AB4

■ 4882B4

■ 5A8AB4

■ 6C93B4

■ 7E9BB4

■ 90A3B4

■ A2ACB4

Harmonies

Analogous

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



006DB0



0061B4



744FA2

Triad

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



0061B4



A4412D



007242

Complementary

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



0061B4



B45300

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.



396D18



0061B4



8B5405

Square

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



0061B4



AB3554



686300



00746E

Rectangle

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



0061B4



92418B



686300



007134

Sweetspot

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



0061B4



A4CAEB



00B451



4B6275



F5F5F5



757575

Same Dimension

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



0061B4



007EEB



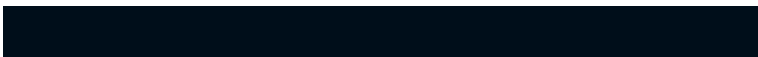
0009B4



505559



005299



000E1A

Inverse Universe

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



B40061



EB007E



B4AB00



595055



990052



1A000E

Previews

White Background



This preview shows how the Hex color 0061B4 looks on a white background.

Color Contrast Check

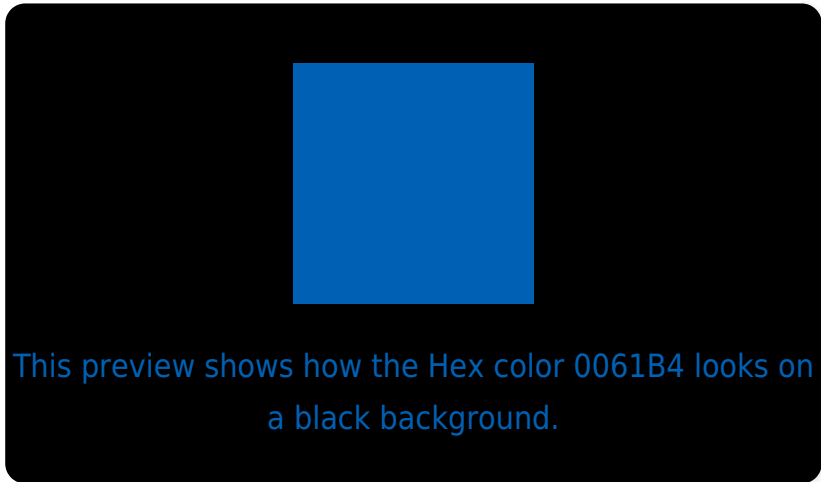
Large Text (above 18pt) WCAG AA ✓ Pass

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

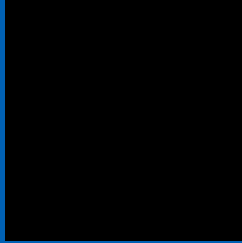
Any Text WCAG AA × Fail

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 0061B4 Background



This preview shows how black text looks on a background with the Hex color 0061B4.



This preview shows how white text looks on a background with the Hex color 0061B4.

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
006B72

Trichromacy



Original Color
0061B4

Protanomaly
235FB2

Deuteranomaly
0062B0

Tritanomaly
00678A

Monochromacy



Original Color
0061B4

Achromatopsia
4D4D4D

Achromatomaly
315472

CSS Examples

Text

The CSS property to change the color of the text to Hex 0061B4 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 #0061B4 looks like.

```
.text, #text, p{  
    color:#0061B4  
}
```

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 #0061B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0061B4
}
```

Border

The CSS property to change the border of an element to Hex 0061B4 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
#0061B4 }
```

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

```
.border{ border-color:#0061B4 }
```

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

Here you see how a box with a 4 pixel #0061B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0061B4; -webkit-box-shadow:4px 4px  
4px 4px #0061B4; box-shadow:4px 4px 4px  
4px #0061B4 }
```

Background

The CSS property to change the background color of an element to Hex 0061B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0061B4 }
```

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

```
.background{ background-color:#0061B4 }
```

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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