

# Converting Colors

Hex(0061D1)

Have a look what the booklet for  
Hex(0061D1) contains.

|  |    |
|--|----|
| <b>Hex(0061D1)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 28 |

# Color

**Hex(0061D1)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 0061D1                     |
| RGB           | 0, 97, 209                 |
| RGB Percent   | 0%, 38%, 82%               |
| CMY           | 1.0000, 0.6196, 0.1804     |
| CMYK          | 1.00, 0.54, 0.00, 0.18     |
| HSL           | 212°, 100%, 41%            |
| HSV           | 212°, 100%, 82%            |
| XYZ           | 15.7833, 13.1528, 62.0285  |
| YIQ           | 80.7650, -93.7640, 14.2680 |

# Conversions

## Conversions Part 2

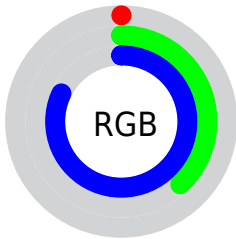
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">0, 66, 209</a>                     |
| Decimal                             | <a href="#">25041</a>                          |
| CIELab                              | <a href="#">42.99, 20.55, -64.08</a>           |
| CIELCh                              | <a href="#">43, 67.298, 287.777</a>            |
| Yxy                                 | <a href="#">13.1528, 0.1735, 0.1446</a>        |
| Android<br>(android.graphics.Color) | <a href="#">4278215121<br/>(0xFF0061D1)</a>    |
| YUV                                 | <a href="#">80.7650, 63.2199,<br/>-70.8309</a> |
| Hunter-Lab                          | <a href="#">36.2668, 14.2162,<br/>-76.0190</a> |

# Details

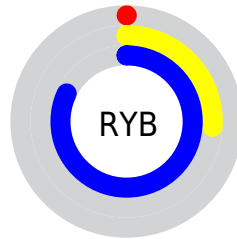
The Hex color **0061D1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **D17000**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6593FF**, and **003499** is the 20% darker color. If you saturate the color by 10%, you get **0061D1**, and if you desaturate by 10%, it is **156CD1**.

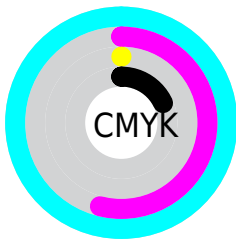
# Distribution



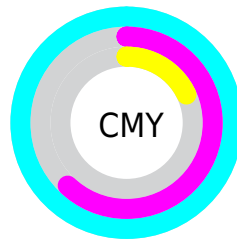
- Red (0%)
- Green (38%)
- Blue (82%)



- Red (0%)
- Yellow (26%)
- Blue (82%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (62%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0061D1 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 0061D1 by changing the saturation by 10% instead.



0061D1

0061D1

FFFFFF

004AB5

6593FF

003499

85ADFF

00217F

A4C8FF

000B65

C3E4FF

00094C

E1FFFF

000534

00021E

000001

000000

■ 0061D1

■ 156CD1

■ 2A77D1

■ 3F83D1

■ 548ED1

■ 6999D1

■ 7DA4D1

■ 92AFD1

■ A7BBD1

■ BCC6D1

# Harmonies

## Analogous

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



0073D4



0061D1



8F44B1

# Triad

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



0061D1



B33F0F



007C4C

# Complementary

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



0061D1



D17000

# 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.



007709



0061D1



8E5B00

# Square

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



0061D1



C51D47



5D6D00



007D86

# Rectangle

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



0061D1



B12B91



5D6D00



007B38



# Sweetspot

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



0061D1



B3D6FF



00D16F



526780



000000



808080



# Same Dimension

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



0061D1



0076FF



0700D1



5E6369



004EA8



001329



# Inverse Universe

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



D10061



FF0076



CAD100



695E63



A8004E



290013



# Previews

## White Background



This preview shows how the Hex color 0061D1 looks on a white background.

## Color Contrast Check

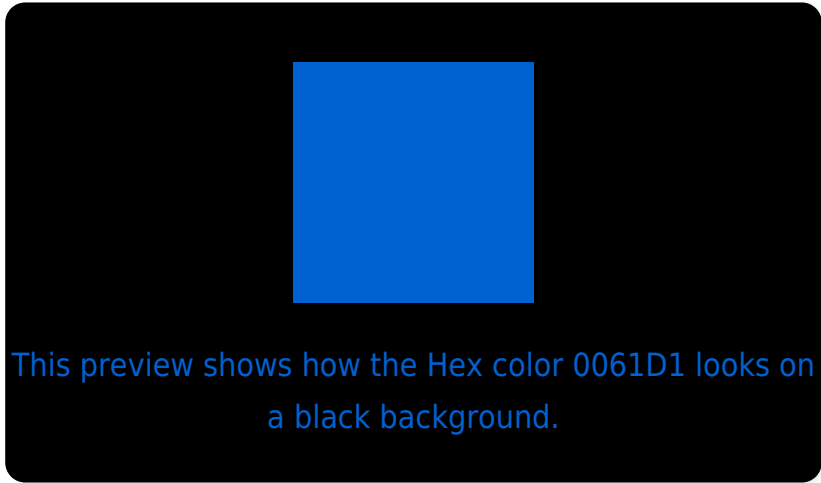
Large Text (above 18pt) WCAG AA ✓ Pass

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

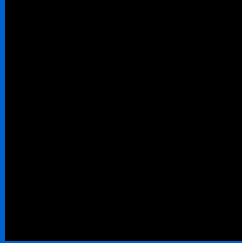
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0061D1 Background



This preview shows how black text looks on a background with the Hex color 0061D1.



This preview shows how white text looks on a background with the Hex color 0061D1.

# 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



**Original Color**

0061D1

**Protanopia**

0061CF

**Deuteranopia**

0068B3

# Trichromacy



**Original Color**  
0061D1

**Protanomaly**  
0061D0

**Deuteranomaly**  
0065BE

# Monochromacy



**Original Color**  
0061D1

**Achromatopsia**  
515151

**Achromatomaly**  
345780

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0061D1 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 #0061D1 looks like.

```
.text, #text, p{  
    color:#0061D1  
}
```

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 #0061D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0061D1
}
```

## Border

The CSS property to change the border of an element to Hex 0061D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

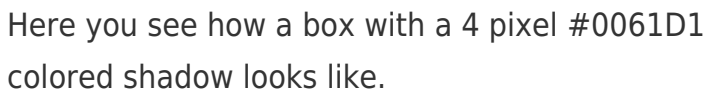
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0061D1 }
```

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

```
.border{ border-color:#0061D1 }
```

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



Here you see how a box with a 4 pixel #0061D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0061D1; -webkit-box-shadow:4px 4px  
4px 4px #0061D1; box-shadow:4px 4px 4px  
4px #0061D1 }
```

# Background

The CSS property to change the background color of an element to Hex 0061D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0061D1 }
```

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

```
.background{ background-color:#0061D1 }
```

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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