

Converting Colors

Hex(0061DA)

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

Hex(0061DA)	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>	29

Color

Hex(0061DA)

Conversions

Conversions Part 1

Format	Color
Hex	0061DA
RGB	0, 97, 218
RGB Percent	0%, 38%, 85%
CMY	1.0000, 0.6196, 0.1451
CMYK	1.00, 0.56, 0.00, 0.15
HSL	213°, 100%, 43%
HSV	213°, 100%, 85%
XYZ	16.9296, 13.6113, 68.0646
YIQ	81.7910, -96.6530, 17.0670

Conversions

Conversions Part 2

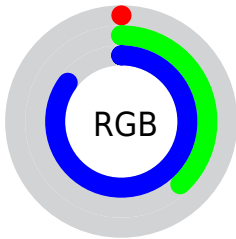
Format	Color
R _{YB}	0, 67, 218
Decimal	25050
CIE _{Lab}	43.67, 24.12, -68.13
CIE _{LCh}	44, 72.273, 289.499
Y _{xy}	13.6113, 0.1717, 0.1380
Android (android.graphics.Color)	4278215130 (0xFF0061DA)
YUV	81.7910, 67.1510, -71.7307
Hunter-Lab	36.8936, 17.3457, -83.5582

Details

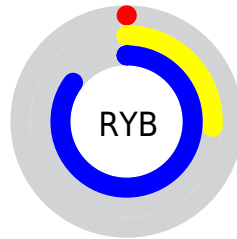
The Hex color **0061DA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DA7900**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6793FF**, and **0034A2** is the 20% darker color. If you saturate the color by 10%, you get **0061DA**, and if you desaturate by 10%, it is **166DDA**.

Distribution



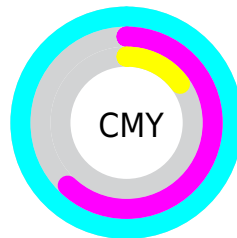
- Red (0%)
- Green (38%)
- Blue (85%)



- Red (0%)
- Yellow (26%)
- Blue (85%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (62%)
- Yellow (15%)

Brightness & Saturation Gradients

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

 0061DA

 0061DA

FFFFFF

 004ABE

 6793FF

 0034A2

 88ADFF

 002187

 A7C8FF

 000D6D

 C7E4FF

 000B54

 E6FFFF

 00063B

 000225

 00010D

 000000

■ 0061DA

■ 166DDA

■ 2C79DA

■ 4185DA

■ 5791DA

■ 6D9DDA

■ 83AADA

■ 99B6DA

■ AEC2DA

■ C4CEDA

Harmonies

Analogous

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



0075DF



0061DA



983FB6

Triad

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



0061DA



B83E00



007F4F

Complementary

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



0061DA



DA7900

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.



007A03



0061DA



8F5D00

Square

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



0061DA



CC0E44



597000



00808E

Rectangle

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



0061DA



BA2093



597000



007E3A

Sweetspot

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



0061DA



B3D5FF



00DA78



526680



000000



808080

Same Dimension

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



0061DA



0071FF



0B00DA



63686E



004DAD



00142E

Inverse Universe

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



DA0061



FF0071



CFDA00



6E6368



AD004D



2E0014

Previews

White Background



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

Color Contrast Check

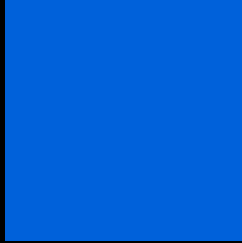
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0061DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

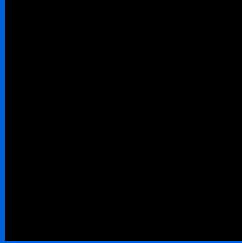
Any Text WCAG AA × Fail

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 0061DA Background



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



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

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

0061DA

Protanopia

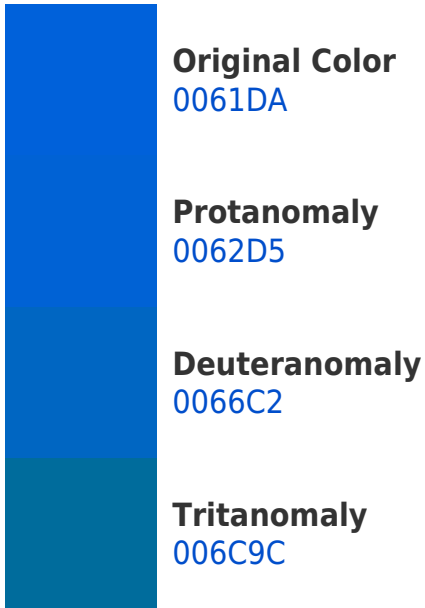
0063D2

Deuteranopia

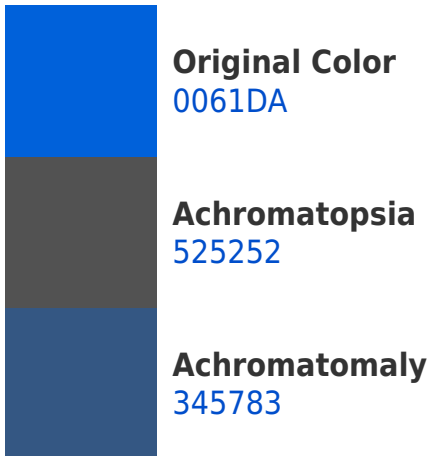
0069B5



Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0061DA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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