

# Converting Colors

Hex(0060DB)

Have a look what the booklet for  
Hex(0060DB) contains.

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**Color**

**Hex(0060DB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0060DB
RGB	0, 96, 219
RGB Percent	0%, 38%, 86%
CMY	1.0000, 0.6235, 0.1412
CMYK	1.00, 0.56, 0.00, 0.14
HSL	214°, 100%, 43%
HSV	214°, 100%, 86%
XYZ	16.9691, 13.4802, 68.7254
YIQ	81.3180, -96.6990, 17.9010

# Conversions

## Conversions Part 2

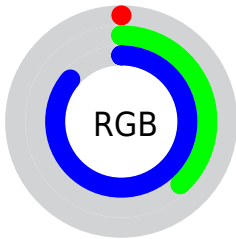
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 67, 219
Decimal	24795
CIE <sub>Lab</sub>	43.48, 25.17, -69.01
CIE <sub>LCh</sub>	43, 73.459, 290.039
Yxy	13.4802, 0.1711, 0.1359
Android (android.graphics.Color)	4278214875 (0xFF0060DB)
YUV	81.3180, 67.8772, -71.3159
Hunter-Lab	36.7154, 18.2468, -85.2807

# Details

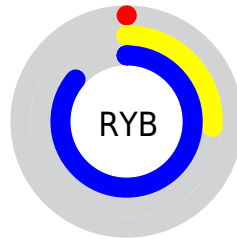
The Hex color **0060DB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DB7B00**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6892FF**, and **0033A3** is the 20% darker color. If you saturate the color by 10%, you get **0060DB**, and if you desaturate by 10%, it is **166CDB**.

# Distribution



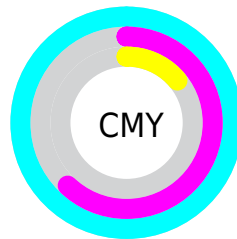
- Red (0%)
- Green (38%)
- Blue (86%)



- Red (0%)
- Yellow (26%)
- Blue (86%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (62%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0060DB 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 0060DB by changing the saturation by 10% instead.



 0060DB

 0060DB

FFFFFF

 0049BF

 6892FF

 0033A3

 88ACFF

 002088

 A8C7FF

 000C6E

 C7E3FF

 000C54

 E6FFFF

 00063C

 000225

 00010E

 000000

 0060DB

 166CDB

 2C79DB

 4285DB

 5891DB

 6E9DDB

 83AADB

 99B6DB

 AFC2DB

 C5CFDB

# Harmonies

## Analogous

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



0075E0



0060DB



993DB6

# Triad

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



0060DB



B73D00



007F50

# Complementary

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



0060DB



DB7B00

# 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.



007A01



0060DB



8E5D00

# Square

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



0060DB



CD0642



577000



00808F

# Rectangle

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



0060DB



BC1B92



577000



007E3A



# Sweetspot

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



0060DB



B3D4FF



00DB78



526680



000000



808080



# Same Dimension

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



0060DB



0070FF



0B00DB



63676E



004CAD



00142E



# Inverse Universe

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



DB0060



FF0070



D0DB00



6E6367



AD004C



2E0014



# Previews

## White Background



This preview shows how the Hex color 0060DB looks on a white background.

## Color Contrast Check

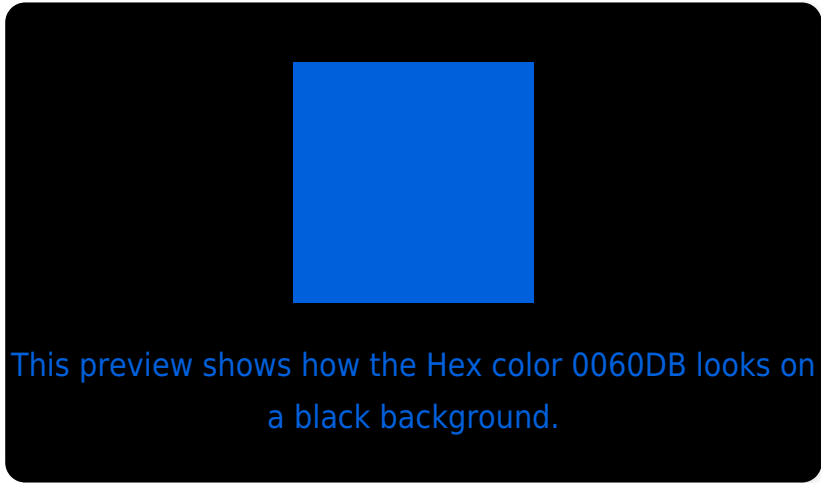
Large Text (above 18pt) WCAG AA ✓ Pass

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

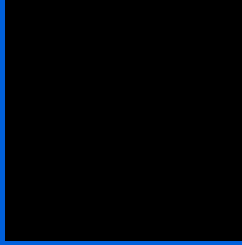
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0060DB Background



This preview shows how black text looks on a background with the Hex color 0060DB.



This preview shows how white text looks on a background with the Hex color 0060DB.

# 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**  
0060DB

**Protanopia**  
0063D1

**Deuteranopia**  
0069B4



# Trichromacy



**Original Color**  
0060DB

**Protanomaly**  
0062D5

**Deuteranomaly**  
0066C2

**Tritanomaly**  
006B9D

# Monochromacy



**Original Color**  
0060DB

**Achromatopsia**  
515151

**Achromatomaly**  
345683

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0060DB 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 #0060DB looks like.

```
.text, #text, p{  
    color:#0060DB  
}
```

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 #0060DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0060DB
}
```

## Border

The CSS property to change the border of an element to Hex 0060DB 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
#0060DB }
```

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

```
.border{ border-color:#0060DB }
```

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

Here you see how a box with a 4 pixel #0060DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0060DB; -webkit-box-shadow:4px 4px  
4px 4px #0060DB; box-shadow:4px 4px 4px  
4px #0060DB }
```

# Background

The CSS property to change the background color of an element to Hex 0060DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0060DB }
```

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

```
.background{ background-color:#0060DB }
```

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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