

Converting Colors

Hex(0060D5)

Have a look what the booklet for
Hex(0060D5) contains.

Hex(0060D5)	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(0060D5)

Conversions

Conversions Part 1

Format	Color
Hex	0060D5
RGB	0, 96, 213
RGB Percent	0%, 38%, 84%
CMY	1.0000, 0.6235, 0.1647
CMYK	1.00, 0.55, 0.00, 0.16
HSL	213°, 100%, 42%
HSV	213°, 100%, 84%
XYZ	16.1931, 13.1698, 64.6394
YIQ	80.6340, -94.7730, 16.0350

Conversions

Conversions Part 2

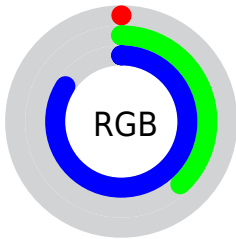
Format	Color
RYB	0, 66, 213
Decimal	24789
CIELab	43.02, 22.80, -66.33
CIELCh	43, 70.142, 288.965
Yxy	13.1698, 0.1723, 0.1401
Android (android.graphics.Color)	4278214869 (0xFF0060D5)
YUV	80.6340, 65.2564, -70.7160
Hunter-Lab	36.2903, 16.1407, -80.2027

Details

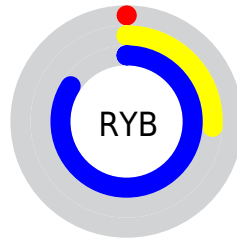
The Hex color **0060D5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **D57500**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6692FF**, and **00339D** is the 20% darker color. If you saturate the color by 10%, you get **0060D5**, and if you desaturate by 10%, it is **156CD5**.

Distribution



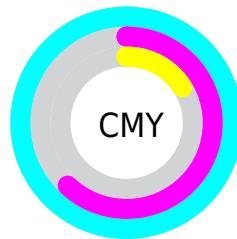
- Red (0%)
- Green (38%)
- Blue (84%)



- Red (0%)
- Yellow (26%)
- Blue (84%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (62%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0060D5 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 0060D5 by changing the saturation by 10% instead.

 0060D5

 0060D5

FFFFFF

 0049B9

 6692FF

 00339D

 86ACFF

 002082

 A6C7FF

 000B69

 C5E3FF

 000A4F

 E3FFFF

 000537

 000221

 000006

 000000

 0060D5

 156CD5

 2B77D5

 4083D5

 558FD5

 6B9BD5

 80A6D5

 95B2D5

 AABED5

 C0C9D5

Harmonies

Analogous

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



0073D9



0060D5



9340B3

Triad

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



0060D5



B43E05



007D4D

Complementary

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



0060D5



D57500

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.



007805



0060D5



8E5B00

Square

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



0060D5



C81444



596E00



007E8A

Rectangle

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



0060D5



B62491



596E00



007C39

Sweetspot

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



0060D5



B3D5FF



00D572



526680



000000



808080

Same Dimension

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



0060D5



0073FF



0700D5



60656B



004DAB



00142B

Inverse Universe

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



D50060



FF0073



CED500



6B6065



AB004D



2B0014

Previews

White Background



This preview shows how the Hex color 0060D5 looks on a white background.

Color Contrast Check

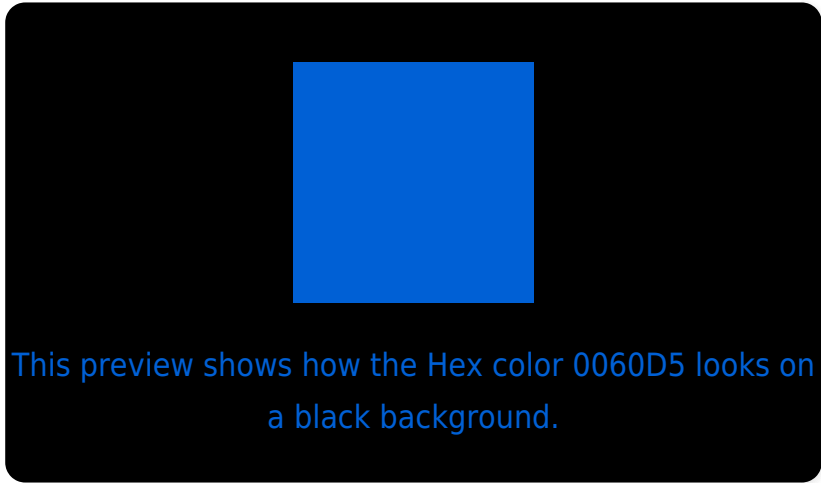
Large Text (above 18pt) WCAG AA ✓ Pass

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

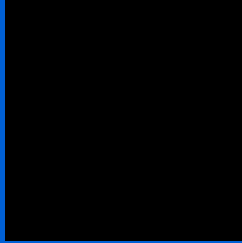
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

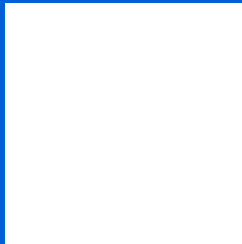
Any Text WCAG AAA × Fail

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

Hex 0060D5 Background



This preview shows how black text looks on a background with the Hex color 0060D5.

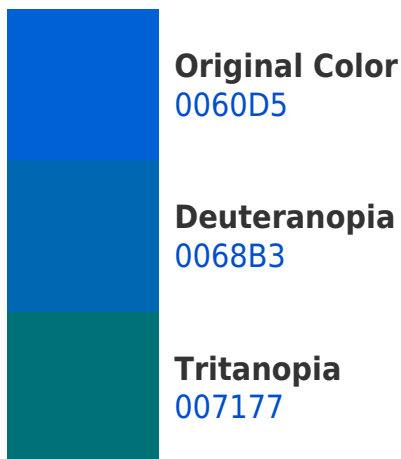


This preview shows how white text looks on a background with the Hex color 0060D5.

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
0060D5

Deuteranomaly
0065BF

Tritanomaly
006B99

Monochromacy



Original Color
0060D5

Achromatopsia
515151

Achromatomaly
345681

CSS Examples

Text

The CSS property to change the color of the text to Hex 0060D5 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 #0060D5 looks like.

```
.text, #text, p{  
    color:#0060D5  
}
```

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 #0060D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0060D5
}
```

Border

The CSS property to change the border of an element to Hex 0060D5 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
#0060D5 }
```

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

```
.border{ border-color:#0060D5 }
```

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

Here you see how a box with a 4 pixel #0060D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0060D5; -webkit-box-shadow:4px 4px  
4px 4px #0060D5; box-shadow:4px 4px 4px  
4px #0060D5 }
```

Background

The CSS property to change the background color of an element to Hex 0060D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0060D5 }
```

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

```
.background{ background-color:#0060D5 }
```

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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