

Converting Colors

Hex(0065D7)

Have a look what the booklet for
Hex(0065D7) contains.

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Color

Hex(0065D7)

Conversions

Conversions Part 1

Format	Color
Hex	0065D7
RGB	0, 101, 215
RGB Percent	0%, 40%, 84%
CMY	1.0000, 0.6039, 0.1569
CMYK	1.00, 0.53, 0.00, 0.16
HSL	212°, 100%, 42%
HSV	212°, 100%, 84%
XYZ	16.9194, 14.2137, 66.1417
YIQ	83.7970, -96.7900, 14.0420

Conversions

Conversions Part 2

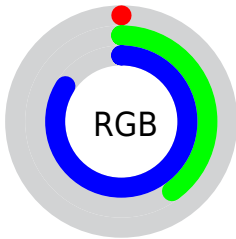
Format	Color
RYB	0, 69, 215
Decimal	26071
CIELab	44.54, 20.33, -65.01
CIELCh	45, 68.111, 287.365
Yxy	14.2137, 0.1739, 0.1461
Android (android.graphics.Color)	4278216151 (0xFF0065D7)
YUV	83.7970, 64.6831, -73.4900
Hunter-Lab	37.7010, 14.1303, -77.6263

Details

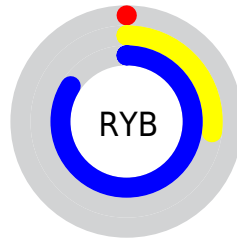
The Hex color **0065D7** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **D77200**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6697FF**, and **00389F** is the 20% darker color. If you saturate the color by 10%, you get **0065D7**, and if you desaturate by 10%, it is **1570D7**.

Distribution



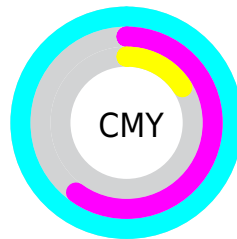
- Red (0%)
- Green (40%)
- Blue (84%)



- Red (0%)
- Yellow (27%)
- Blue (84%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (60%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0065D7 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 0065D7 by changing the saturation by 10% instead.

 0065D7

 0065D7

FFFFFF

 004EBB

 6697FF

 00389F

 87B2FF

 002484

 A6CDFF

 00116A

 C5E9FF

 000B51

 E4FFFF

 000539

 000223

 000009

 000000

■ 0065D7

■ 1570D7

■ 2B7CD7

■ 4187D7

■ 5693D7

■ 6C9ED7

■ 81A9D7

■ 97B5D7

■ ACC0D7

■ C2CCD7

Harmonies

Analogous

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



0077D9



0065D7



9348B7

Triad

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



0065D7



B94212



00804E

Complementary

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



0065D7



D77200

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.



007B0B



0065D7



945E00

Square

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



0065D7



CB214B



617100



00828A

Rectangle

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



0065D7



B63096



617100



007F3A

Sweetspot

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



0065D7



B3D6FF



00D76F



526780



000000



808080

Same Dimension

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



0065D7



0078FF



0400D7



60656B



0050AB



00142B

Inverse Universe

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



D70065



FF0078



D3D700



6B6065



AB0050



2B0014

Previews

White Background



This preview shows how the Hex color 0065D7 looks on a white background.

Color Contrast Check

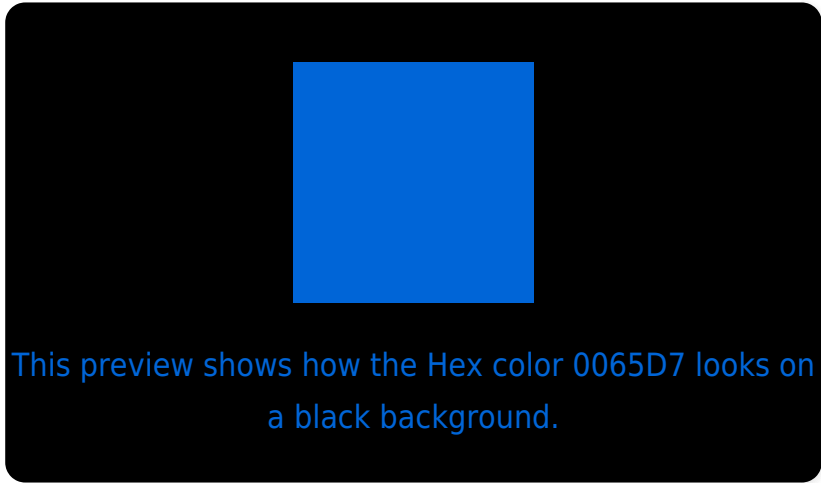
Large Text (above 18pt) WCAG AA ✓ Pass

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

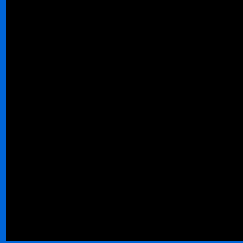
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

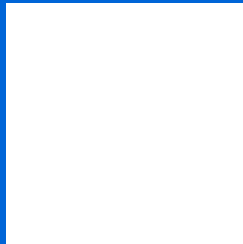
Any Text WCAG AAA × Fail

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

Hex 0065D7 Background



This preview shows how black text looks on a background with the Hex color 0065D7.



This preview shows how white text looks on a background with the Hex color 0065D7.

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
0065D7

Protanopia
0765D7

Deuteranopia
006BBA



Tritanopia
00757C

Trichromacy



Original Color
0065D7

Protanomaly
0465D7

Deuteranomaly
0069C5

Tritanomaly
006F9D

Monochromacy



Original Color
0065D7

Achromatopsia
545454

Achromatomaly
355A84

CSS Examples

Text

The CSS property to change the color of the text to Hex 0065D7 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 #0065D7 looks like.

```
.text, #text, p{  
    color:#0065D7  
}
```

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 #0065D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0065D7
}
```

Border

The CSS property to change the border of an element to Hex 0065D7 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
#0065D7 }
```

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

```
.border{ border-color:#0065D7 }
```

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

Here you see how a box with a 4 pixel #0065D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0065D7; -webkit-box-shadow:4px 4px  
4px 4px #0065D7; box-shadow:4px 4px 4px  
4px #0065D7 }
```

Background

The CSS property to change the background color of an element to Hex 0065D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0065D7 }
```

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

```
.background{ background-color:#0065D7 }
```

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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