

Converting Colors

Hex(0056D6)

Have a look what the booklet for
Hex(0056D6) contains.

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Color

Hex(0056D6)

Conversions

Conversions Part 1

Format	Color
Hex	0056D6
RGB	0, 86, 214
RGB Percent	0%, 34%, 84%
CMY	1.0000, 0.6627, 0.1608
CMYK	1.00, 0.60, 0.00, 0.16
HSL	216°, 100%, 42%
HSV	216°, 100%, 84%
XYZ	15.4654, 11.5106, 65.0250
YIQ	74.8780, -92.3440, 21.5760

Conversions

Conversions Part 2

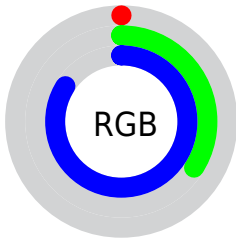
Format	Color
R _{YB}	0, 61, 214
Decimal	22230
CIE _{Lab}	40.43, 29.75, -71.13
CIE _{LCh}	40, 77.104, 292.692
Yxy	11.5106, 0.1681, 0.1251
Android (android.graphics.Color)	4278212310 (0xFF0056D6)
YUV	74.8780, 68.5871, -65.6680
Hunter-Lab	33.9273, 21.9945, -89.8860

Details

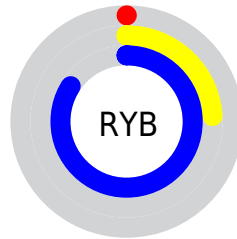
The Hex color **0056D6** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **D68000**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6787FF**, and **002B9E** is the 20% darker color. If you saturate the color by 10%, you get **0056D6**, and if you desaturate by 10%, it is **1563D6**.

Distribution



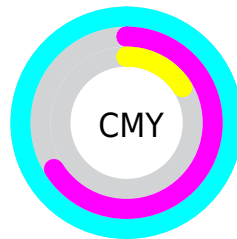
- Red (0%)
- Green (34%)
- Blue (84%)



- Red (0%)
- Yellow (24%)
- Blue (84%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (66%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0056D6 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 0056D6 by changing the saturation by 10% instead.

 0056D6

 0056D6

FFFFFF

 003FBA

 6787FF

 002B9E

 88A1FF

 001883

 A7BCFF

 000069

 C6D8FF

 000A50

 E5F4FF

 000538

 000222

 000007

 000000

■ 0056D6

■ 1563D6

■ 2B70D6

■ 407CD6

■ 5689D6

■ 6B96D6

■ 80A3D6

■ 96B0D6

■ ABBCD6

■ C1C9D6

Harmonies

Analogous

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



006DDF



0056D6



992CAD

Triad

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



0056D6



AE3600



00774D

Complementary

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



0056D6



D68000

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.



007300



0056D6



825800

Square

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



0056D6



C60034



476A00



00798F

Rectangle

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



0056D6



BA0086



476A00



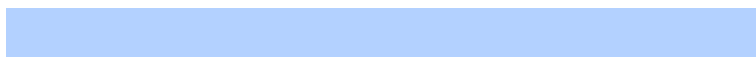
007637

Sweetspot

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



0056D6



B3D1FF



00D67D



526480



000000



808080

Same Dimension

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



0056D6



0066FF



1200D6



60656B



0045AB



00112B

Inverse Universe

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



D60056



FF0066



C4D600



6B6065



AB0045



2B0011

Previews

White Background



This preview shows how the Hex color 0056D6 looks on a white background.

Color Contrast Check

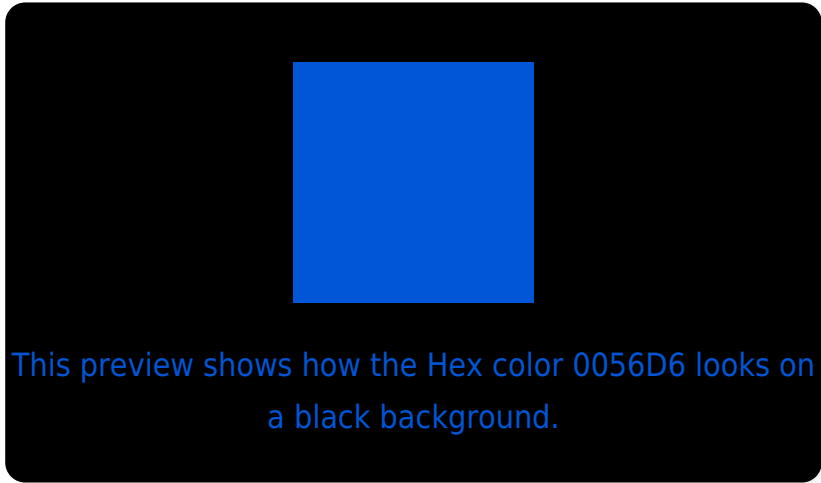
Large Text (above 18pt) WCAG AA ✓ Pass

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

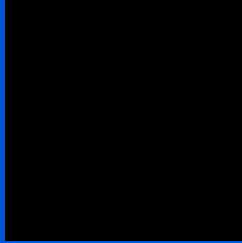
Any Text WCAG AA × Fail

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 0056D6 Background



This preview shows how black text looks on a background with the Hex color 0056D6.

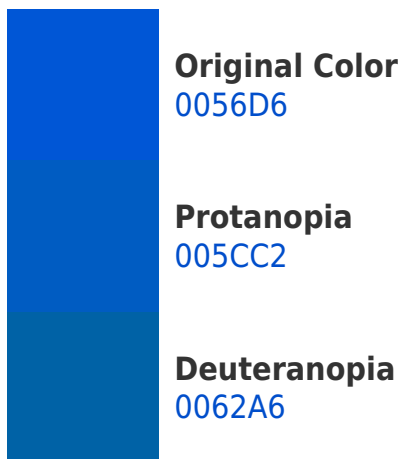


This preview shows how white text looks on a background with the Hex color 0056D6.

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





Tritanopia
006A70

Trichromacy



Original Color
0056D6

Protanomaly
005AC9

Deuteranomaly
005EB7

Tritanomaly
006395

Monochromacy



Original Color
0056D6

Achromatopsia
4B4B4B

Achromatomaly
304F7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0056D6 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 #0056D6 looks like.

```
.text, #text, p{  
    color:#0056D6  
}
```

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 #0056D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0056D6
}
```

Border

The CSS property to change the border of an element to Hex 0056D6 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
#0056D6 }
```

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

```
.border{ border-color:#0056D6 }
```

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

Here you see how a box with a 4 pixel #0056D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0056D6; -webkit-box-shadow:4px 4px  
4px 4px #0056D6; box-shadow:4px 4px 4px  
4px #0056D6 }
```

Background

The CSS property to change the background color of an element to Hex 0056D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0056D6 }
```

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

```
.background{ background-color:#0056D6 }
```

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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