

# Converting Colors

Hex(0062D6)

Have a look what the booklet for  
Hex(0062D6) contains.

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# Color

Hex(0062D6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0062D6
RGB	0, 98, 214
RGB Percent	0%, 38%, 84%
CMY	1.0000, 0.6157, 0.1608
CMYK	1.00, 0.54, 0.00, 0.16
HSL	213°, 100%, 42%
HSV	213°, 100%, 84%
XYZ	16.5053, 13.5904, 65.3716
YIQ	81.9220, -95.6440, 15.3000

# Conversions

## Conversions Part 2

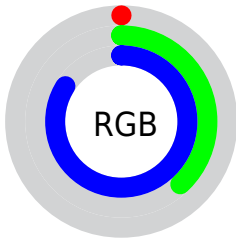
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 67, 214
Decimal	25302
CIELab	43.64, 21.89, -65.90
CIELCh	44, 69.435, 288.373
Yxy	13.5904, 0.1729, 0.1424
Android (android.graphics.Color)	4278215382 (0xFF0062D6)
YUV	81.9220, 65.1145, -71.8456
Hunter-Lab	36.8652, 15.4040, -79.3311

# Details

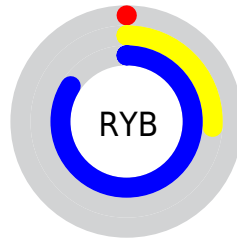
The Hex color **0062D6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **D67400**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6694FF**, and **00359E** is the 20% darker color. If you saturate the color by 10%, you get **0062D6**, and if you desaturate by 10%, it is **156ED6**.

# Distribution



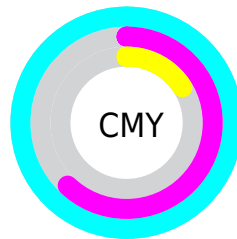
- Red (0%)
- Green (38%)
- Blue (84%)



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



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (16%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 0062D6 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 0062D6 by changing the saturation by 10% instead.



 0062D6

 0062D6

FFFFFF

 004BBA


 6694FF

 00359E

 87AEFF

 002283

 A6C9FF

 000E69

 C5E5FF

 000A50

 E4FFFF

 000538

 000222

 000008

 000000

 0062D6

 156ED6

 2B79D6

 4085D6

 5690D6

 6B9CD6

 80A8D6

 96B3D6

 ABBFD6

 C1CAD6

# Harmonies

## Analogous

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



0075D9



0062D6



9343B5

# Triad

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



0062D6



B63F0A



007E4E

# Complementary

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



0062D6



D67400

# 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.



007907



0062D6



905D00

# Square

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



0062D6



C91947



5D6F00



00808A

# Rectangle

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



0062D6



B62993



5D6F00



007D39



# Sweetspot

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



0062D6



B3D6FF



00D672



526780



000000



808080



# Same Dimension

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



0062D6



0075FF



0700D6



60656B



004EAB



00142B



# Inverse Universe

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



D60062



FF0075



CFD600



6B6065



AB004E



2B0014



# Previews

## White Background



This preview shows how the Hex color 0062D6 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 0062D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

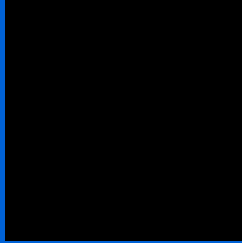
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0062D6 Background



This preview shows how black text looks on a background with the Hex color 0062D6.



This preview shows how white text looks on a background with the Hex color 0062D6.

# 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**  
0062D6

**Protanopia**  
0063D2

**Deuteranopia**  
0069B5



# Trichromacy



**Original Color**  
0062D6

**Protanomaly**  
0063D3

**Deuteranomaly**  
0066C1

**Tritanomaly**  
006C9B

# Monochromacy



**Original Color**  
0062D6

**Achromatopsia**  
525252

**Achromatomaly**  
345882

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0062D6 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 #0062D6 looks like.

```
.text, #text, p{  
    color:#0062D6  
}
```

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 #0062D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0062D6
}
```

## Border

The CSS property to change the border of an element to Hex 0062D6 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
#0062D6 }
```

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

```
.border{ border-color:#0062D6 }
```

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

Here you see how a box with a 4 pixel #0062D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0062D6; -webkit-box-shadow:4px 4px  
4px 4px #0062D6; box-shadow:4px 4px 4px  
4px #0062D6 }
```

# Background

The CSS property to change the background color of an element to Hex 0062D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0062D6 }
```

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

```
.background{ background-color:#0062D6 }
```

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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