

# Converting Colors

Hex(0058D2)

Have a look what the booklet for  
Hex(0058D2) contains.

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# Color

Hex(0058D2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0058D2
RGB	0, 88, 210
RGB Percent	0%, 35%, 82%
CMY	1.0000, 0.6549, 0.1765
CMYK	1.00, 0.58, 0.00, 0.18
HSL	215°, 100%, 41%
HSV	215°, 100%, 82%
XYZ	15.1226, 11.6326, 62.4210
YIQ	75.5960, -91.6100, 19.2860

# Conversions

## Conversions Part 2

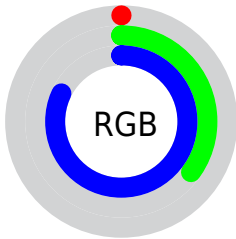
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 62, 210
Decimal	22738
CIE <sub>Lab</sub>	40.63, 26.86, -68.51
CIE <sub>LCh</sub>	41, 73.590, 291.405
Yxy	11.6326, 0.1696, 0.1304
Android (android.graphics.Color)	4278212818 (0xFF0058D2)
YUV	75.5960, 66.2612, -66.2977
Hunter-Lab	34.1066, 19.4589, -84.6365

# Details

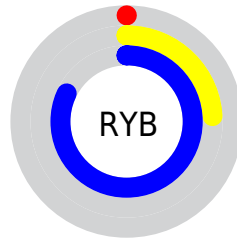
The Hex color **0058D2** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **D27A00**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6589FF**, and **002C9A** is the 20% darker color. If you saturate the color by 10%, you get **0058D2**, and if you desaturate by 10%, it is **1564D2**.

# Distribution



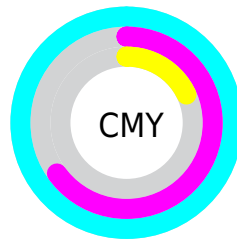
- Red (0%)
- Green (35%)
- Blue (82%)



- Red (0%)
- Yellow (24%)
- Blue (82%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (65%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0058D2 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 0058D2 by changing the saturation by 10% instead.



 0058D2

 0058D2

FFFFFF

 0041B6

 6589FF

 002C9A

 86A3FF

 001A80

 A5BEFF


 000066

 C4DAFF

 000A4D

 E3F6FF

 000535

 00021F

 000002

 000000

■ 0058D2

■ 1564D2

■ 2A70D2

■ 3F7DD2

■ 5489D2

■ 6995D2

■ 7EA1D2

■ 93ADD2

■ A8BAD2

■ BDC6D2

# Harmonies

## Analogous

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



006DD9



0058D2



9433AC

# Triad

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



0058D2



AD3800



00774C

# Complementary

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



0058D2



D27A00

# 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



0058D2



845700

# Square

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



0058D2



C40038



4C6A00



00788A

# Rectangle

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



0058D2



B50288



4C6A00



007636



# Sweetspot

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



0058D2



B3D3FF



00D277



526580



000000



808080



# Same Dimension

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



0058D2



006BFF



0E00D2



5E6269



0047A8



001129



# Inverse Universe

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



D20058



FF006B



C4D200



695E62



A80047



290011



# Previews

## White Background



This preview shows how the Hex color 0058D2 looks on a white background.

## Color Contrast Check

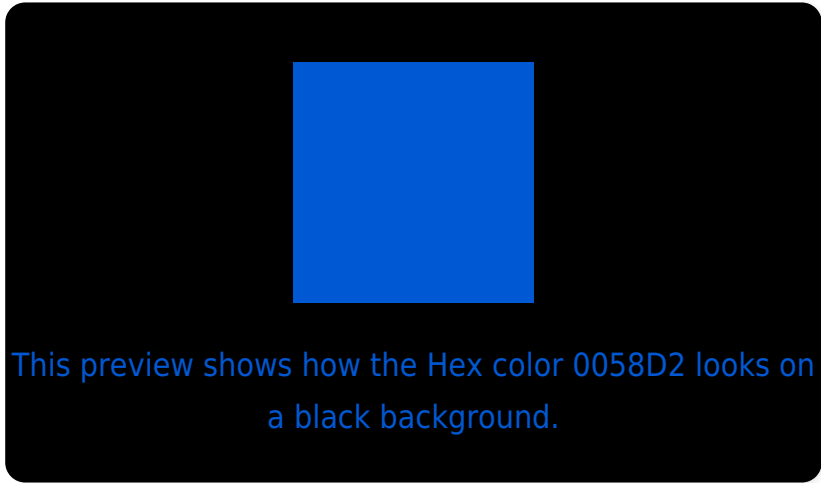
Large Text (above 18pt) WCAG AA ✓ Pass

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

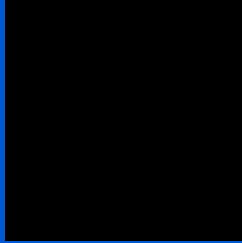
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0058D2 Background



This preview shows how black text looks on a background with the Hex color 0058D2.

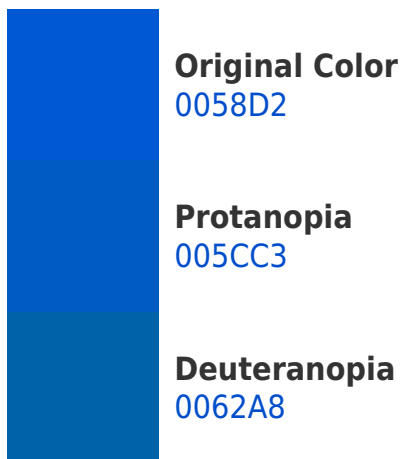


This preview shows how white text looks on a background with the Hex color 0058D2.

# 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**  
0058D2

**Protanomaly**  
005BC8

**Deuteranomaly**  
005EB7

**Tritanomaly**  
006394

# Monochromacy



**Original Color**  
0058D2

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
30507D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0058D2 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 #0058D2 looks like.

```
.text, #text, p{  
    color:#0058D2  
}
```

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 #0058D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0058D2
}
```

## Border

The CSS property to change the border of an element to Hex 0058D2 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
#0058D2 }
```

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

```
.border{ border-color:#0058D2 }
```

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

Here you see how a box with a 4 pixel #0058D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0058D2; -webkit-box-shadow:4px 4px  
4px 4px #0058D2; box-shadow:4px 4px 4px  
4px #0058D2 }
```

# Background

The CSS property to change the background color of an element to Hex 0058D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0058D2 }
```

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

```
.background{ background-color:#0058D2 }
```

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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