

# Converting Colors

Hex(0080D2)

Have a look what the booklet for  
Hex(0080D2) contains.

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# Color

**Hex(0080D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0080D2
RGB	0, 128, 210
RGB Percent	0%, 50%, 82%
CMY	1.0000, 0.4980, 0.1765
CMYK	1.00, 0.39, 0.00, 0.18
HSL	203°, 100%, 41%
HSV	203°, 100%, 82%
XYZ	19.3520, 20.0915, 63.8309
YIQ	99.0760, -102.6100, -1.6340

# Conversions

## Conversions Part 2

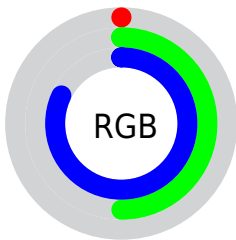
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 80, 210
Decimal	32978
CIE Lab	51.94, 1.30, -50.25
CIE LCh	52, 50.264, 271.483
Yxy	20.0915, 0.1874, 0.1945
Android (android.graphics.Color)	4278223058 (0xFF0080D2)
YUV	99.0760, 54.6855, -86.8897
Hunter-Lab	44.8235, -1.3759, -53.0553

# Details

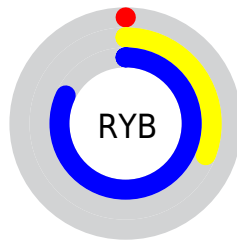
The Hex color **0080D2** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D25200**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **64B4FF**, and **00509B** is the 20% darker color. If you saturate the color by 10%, you get **0080D2**, and if you desaturate by 10%, it is **1588D2**.

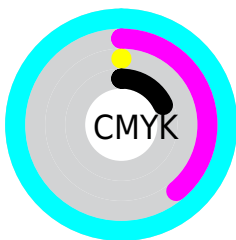
# Distribution



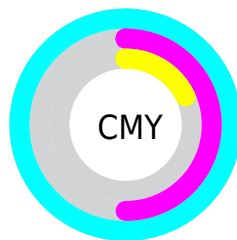
- Red (0%)
- Green (50%)
- Blue (82%)



- Red (0%)
- Yellow (31%)
- Blue (82%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (50%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0080D2 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 0080D2 by changing the saturation by 10% instead.



0080D2

0080D2

FFFFFF

0067B6

64B4FF

00509B

84D0FF

003980

A3ECFF

002567

C2FFFF

000F4E

E1FFFF

000537

000220

000005

000000

 0080D2

 1588D2

 2A90D2

 3F99D2

 54A1D2

 69A9D2

 7EB1D2

 93B9D2

 A8C2D2

 BDCAD2

# Harmonies

## Analogous

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



008BC7



0080D2



7F70C6

# Triad

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



0080D2



C75A51



218D51

# Complementary

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



0080D2



D25200

# 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.



65862D



0080D2



B36A2F

# Square

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



0080D2



C9547B



917A1D



00917D

# Rectangle

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



0080D2



A463B2



917A1D



3F8C43

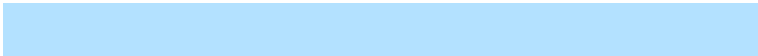


# Sweetspot

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



0080D2



B3E1FF



00D250



526E80



000000



808080

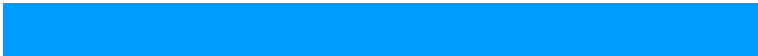


# Same Dimension

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



0080D2



009BFF



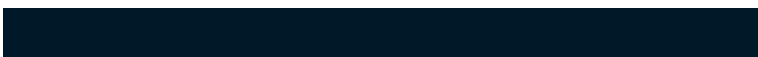
0018D2



5E6469



0067A8



001929



# Inverse Universe

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



D20080



FF009B



D2BA00



695E64



A80067



290019



# Previews

## White Background



This preview shows how the Hex color 0080D2 looks on a white background.

## Color Contrast Check

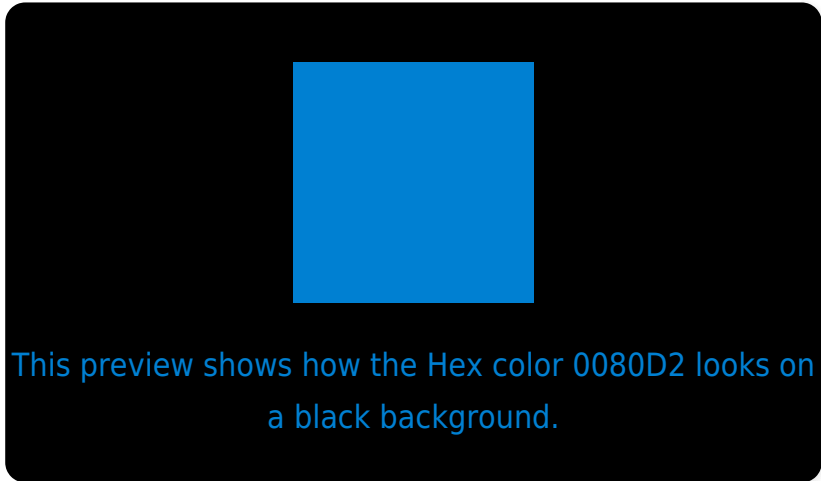
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

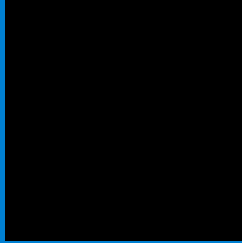
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0080D2 Background



This preview shows how black text looks on a background with the Hex color 0080D2.

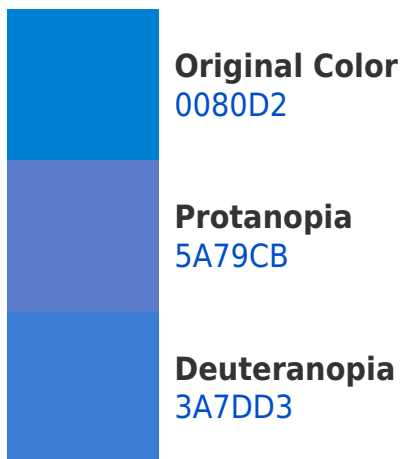


This preview shows how white text looks on a background with the Hex color 0080D2.

# 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](#).

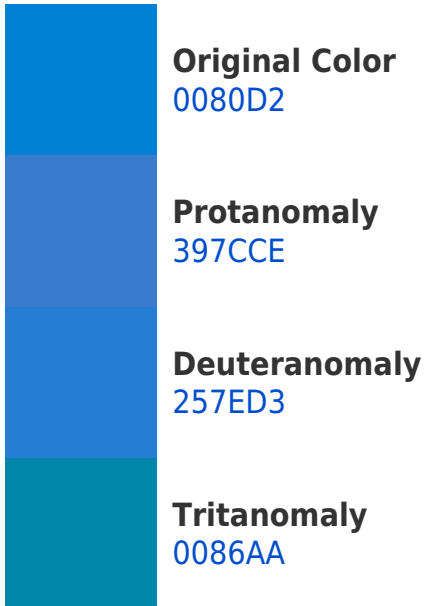
## Dichromacy





**Tritanopia**  
008993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0080D2 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 #0080D2 looks like.

```
.text, #text, p{  
    color:#0080D2  
}
```

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 #0080D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0080D2
}
```

## Border

The CSS property to change the border of an element to Hex 0080D2 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
#0080D2 }
```

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

```
.border{ border-color:#0080D2 }
```

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

Here you see how a box with a 4 pixel #0080D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0080D2; -webkit-box-shadow:4px 4px  
4px 4px #0080D2; box-shadow:4px 4px 4px  
4px #0080D2 }
```

# Background

The CSS property to change the background color of an element to Hex 0080D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0080D2 }
```

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

```
.background{ background-color:#0080D2 }
```

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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