

# Converting Colors

Hex(0018D4)

Have a look what the booklet for  
Hex(0018D4) contains.

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# Color

Hex(0018D4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0018D4
RGB	0, 24, 212
RGB Percent	0%, 9%, 83%
CMY	1.0000, 0.9059, 0.1686
CMYK	1.00, 0.89, 0.00, 0.17
HSL	233°, 100%, 42%
HSV	233°, 100%, 83%
XYZ	12.2103, 5.4067, 62.6874
YIQ	38.2560, -74.6520, 53.3800

# Conversions

## Conversions Part 2

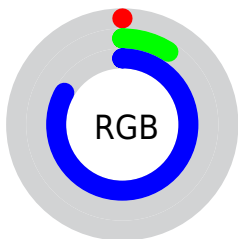
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 22, 212
Decimal	6356
CIELab	27.86, 63.22, -90.75
CIELCh	28, 110.605, 304.863
Yxy	5.4067, 0.1521, 0.0673
Android (android.graphics.Color)	4278196436 (0xFF0018D4)
YUV	38.2560, 85.6558, -33.5505
Hunter-Lab	23.2524, 53.0423, -143.5666

# Details

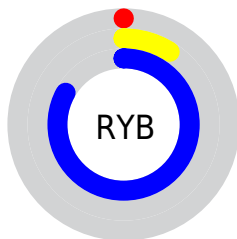
The Hex color **0018D4** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **D4BC00**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **6C4CFF**, and **00009C** is the 20% darker color. If you saturate the color by 10%, you get **0018D4**, and if you desaturate by 10%, it is **152BD4**.

# Distribution



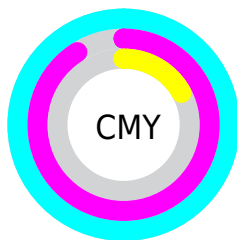
- Red (0%)
- Green (9%)
- Blue (83%)



- Red (0%)
- Yellow (9%)
- Blue (83%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (91%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0018D4 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 0018D4 by changing the saturation by 10% instead.



■ 0018D4

■ 0018D4

FFFFFF

■ 0000B7

■ 6C4CFF

■ 00009C

■ 8D66FF

■ 000080

■ AE81FF

■ 000966

■ CE9CFF

■ 000A4D

■ EDB7FF

■ 000535

■ FFD4FF

■ 00021F

■ FFF0FF

■ 000002

■ 000000

 0018D4

 152BD4

 2A3ED4

 4050D4

 5563D4

 6A76D4

 7F89D4

 949CD4

 AAAED4

 BFC1D4

# Harmonies

## Analogous

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



0050F5



0018D4



A7008D

# Triad

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



0018D4



870E00



005A4F

# Complementary

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



0018D4



D4BC00

# 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.



005800



0018D4



454500

# Square

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



0018D4



B40000



005300



005DA5

# Rectangle

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



0018D4



C10055



005300



005930



# Sweetspot

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



0018D4



B3BBFF



00D4BB



525780



000000



808080



# Same Dimension

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



0018D4



001DFF



5100D4



60626B



0013AB



00052B



# Inverse Universe

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



D40018



FF001D



83D400



6B6062



AB0013

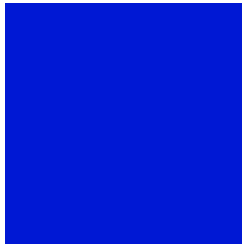


2B0005



# Previews

## White Background



This preview shows how the Hex color 0018D4 looks on a white background.

## Color Contrast Check

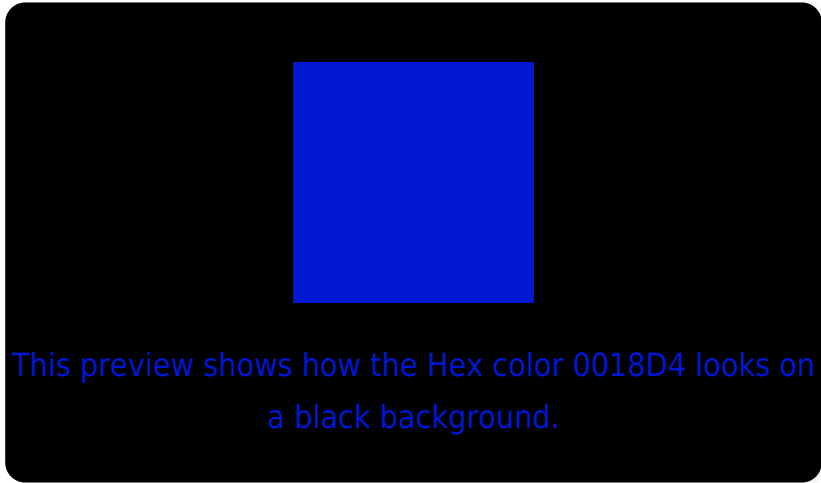
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

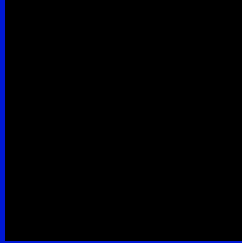
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0018D4 Background



This preview shows how black text looks on a background with the Hex color 0018D4.



This preview shows how white text looks on a background with the Hex color 0018D4.

# 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**  
0018D4

**Protanopia**  
004087

**Deuteranopia**  
004572



**Tritanopia**  
004A4D

# Trichromacy



**Original Color**  
0018D4

**Protanomaly**  
0031A3

**Deuteranomaly**  
003596

**Tritanomaly**  
00387E

# Monochromacy



**Original Color**  
0018D4

**Achromatopsia**  
262626

**Achromatomaly**  
182165

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0018D4 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 #0018D4 looks like.

```
.text, #text, p{  
    color:#0018D4  
}
```

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 #0018D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0018D4
}
```

## Border

The CSS property to change the border of an element to Hex 0018D4 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
#0018D4 }
```

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

```
.border{ border-color:#0018D4 }
```

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

Here you see how a box with a 4 pixel #0018D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0018D4; -webkit-box-shadow:4px 4px  
4px 4px #0018D4; box-shadow:4px 4px 4px  
4px #0018D4 }
```

# Background

The CSS property to change the background color of an element to Hex 0018D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0018D4 }
```

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

```
.background{ background-color:#0018D4 }
```

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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