

Converting Colors

Hex(001DD8)

Have a look what the booklet for
Hex(001DD8) contains.

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Color

Hex(001DD8)

Conversions

Conversions Part 1

Format	Color
Hex	001DD8
RGB	0, 29, 216
RGB Percent	0%, 11%, 85%
CMY	1.0000, 0.8863, 0.1529
CMYK	1.00, 0.87, 0.00, 0.15
HSL	232°, 100%, 42%
HSV	232°, 100%, 85%
XYZ	12.8340, 5.8366, 65.4159
YIQ	41.6470, -77.3110, 52.0090

Conversions

Conversions Part 2

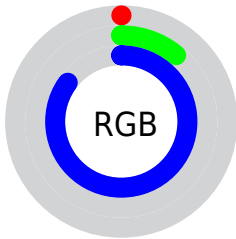
Format	Color
R_{YB}	0, 26, 216
Decimal	7640
CIE _{Lab}	29.00, 62.56, -91.18
CIE _{LCh}	29, 110.581, 304.456
Yxy	5.8366, 0.1526, 0.0694
Android (android.graphics.Color)	4278197720 (0xFF001DD8)
YUV	41.6470, 85.9560, -36.5244
Hunter-Lab	24.1591, 52.5464, -143.6293

Details

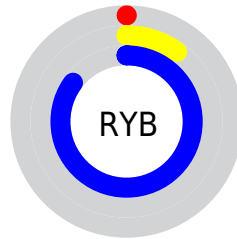
The Hex color **001DD8** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **D8BB00**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **6D50FF**, and **00009F** is the 20% darker color. If you saturate the color by 10%, you get **001DD8**, and if you desaturate by 10%, it is **1630D8**.

Distribution



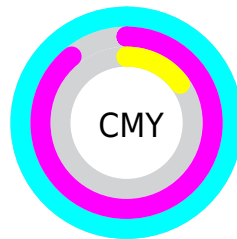
- Red (0%)
- Green (11%)
- Blue (85%)



- Red (0%)
- Yellow (10%)
- Blue (85%)



- Cyan (100%)
- Magenta (87%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (89%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001DD8 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 001DD8 by changing the saturation by 10% instead.

001DD8

001DD8

FFFFFF

0000BB

6D50FF

00009F

8E6AFF

000084

AF84FF

00076A

CF9FFF

000A50

EFBBFF

000538

FFD7FF

000222

FFF4FF

000008

000000

 001DD8

 1630D8

 2B42D8

 4155D8

 5668D8

 6C7AD8

 828DD8

 97A0D8

 ADB3D8

 C2C5D8

Harmonies

Analogous

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



0053F9



001DD8



AA0091

Triad

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



001DD8



8B1100



005D50

Complementary

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



001DD8



D8BB00

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.



005B00



001DD8



494700

Square

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



001DD8



B80000



005600



0060A7

Rectangle

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



001DD8



C50059



005600



005C32

Sweetspot

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



001DD8



B3BDFE



00D8B8



525880



000000



808080

Same Dimension

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



001DD8



0022FF



4C00D8



60626B



0017AB



00062B

Inverse Universe

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



D8001D



FF0022



8CD800



6B6062



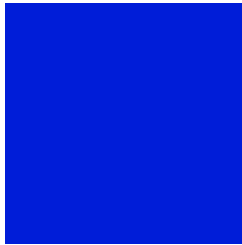
AB0017



2B0006

Previews

White Background



This preview shows how the Hex color 001DD8 looks on a white background.

Color Contrast Check

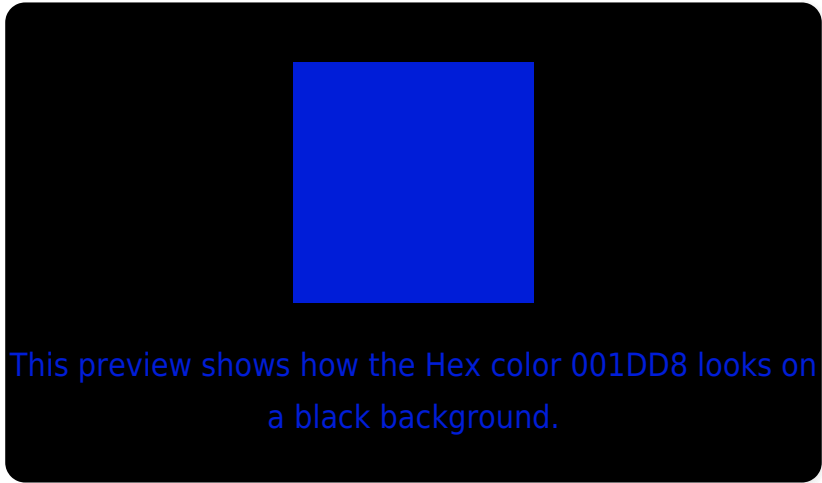
Large Text (above 18pt) WCAG AA ✓ Pass

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

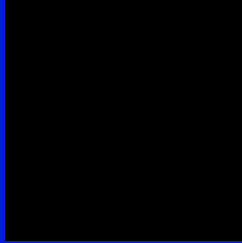
Any Text WCAG AA × Fail

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 001DD8 Background



This preview shows how black text looks on a background with the Hex color 001DD8.



This preview shows how white text looks on a background with the Hex color 001DD8.

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
001DD8

Protanopia
00428B

Deuteranopia
004776



Tritanopia
004C50

Trichromacy



Original Color
001DD8

Protanomaly
0035A7

Deuteranomaly
00389A

Tritanomaly
003B81

Monochromacy



Original Color
001DD8

Achromatopsia
2A2A2A

Achromatomaly
1B2569

CSS Examples

Text

The CSS property to change the color of the text to Hex 001DD8 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 #001DD8 looks like.

```
.text, #text, p{  
    color:#001DD8  
}
```

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 #001DD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001DD8
}
```

Border

The CSS property to change the border of an element to Hex 001DD8 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
#001DD8 }
```

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

```
.border{ border-color:#001DD8 }
```

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

Here you see how a box with a 4 pixel #001DD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001DD8; -webkit-box-shadow:4px 4px  
4px 4px #001DD8; box-shadow:4px 4px 4px  
4px #001DD8 }
```

Background

The CSS property to change the background color of an element to Hex 001DD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001DD8 }
```

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

```
.background{ background-color:#001DD8 }
```

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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