

Converting Colors

Hex(001DBF)

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

Hex(001DBF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(001DBF)

Conversions

Conversions Part 1

Format	Color
Hex	001DBF
RGB	0, 29, 191
RGB Percent	0%, 11%, 75%
CMY	1.0000, 0.8863, 0.2510
CMYK	1.00, 0.85, 0.00, 0.25
HSL	231°, 100%, 37%
HSV	231°, 100%, 75%
XYZ	9.8433, 4.6403, 49.6671
YIQ	38.7970, -69.2860, 44.2340

Conversions

Conversions Part 2

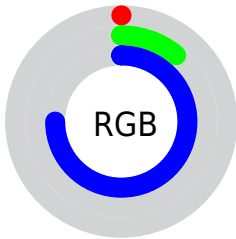
Format	Color
RYB	0, 25, 191
Decimal	7615
CIELab	25.68, 55.13, -82.09
CIELCh	26, 98.882, 303.885
Yxy	4.6403, 0.1534, 0.0723
Android (android.graphics.Color)	4278197695 (0xFF001DBF)
YUV	38.7970, 75.0361, -34.0250
Hunter-Lab	21.5414, 43.8681, -121.6235

Details

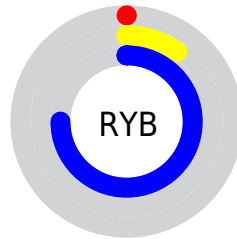
The Hex color **001DBF** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BFA200**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **654EF9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **001DBF**, and if you desaturate by 10%, it is **132DBF**.

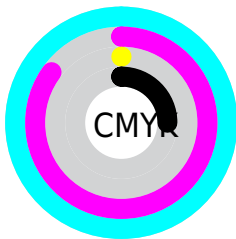
Distribution



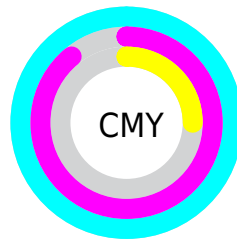
- Red (0%)
- Green (11%)
- Blue (75%)



- Red (0%)
- Yellow (10%)
- Blue (75%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (89%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 001DBF

 001DBF

FFFFFF

 0002A3

 654EF9

 000088

 8567FF

 00006D

 A581FF

 000B54

 C49CFF

 00063C

 E3B7FF

 000225

 FFD3FF

 00010D

 FFF0FF

 000000

 001DBF

 132DBF

 263DBF

 394EBF

 4C5EBF

 606EBF

 737EBF

 868EBF

 999FBF

 ACAFBF

Harmonies

Analogous

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



0049DB



001DBF



950081

Triad

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



001DBF



7C1000



005346

Complementary

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



001DBF



BFA200

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.



005100



001DBF



433E00

Square

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



001DBF



A40000



004C00



005592

Rectangle

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



001DBF



AD0050



004C00



00522B

Sweetspot

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



001DBF



ADB8F7



00BF9F



50577D



FCFCFC



7D7D7D

Same Dimension

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



001DBF



0026F7



4000BF



55565E



00189E



00051F

Inverse Universe

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



BF001D



F70026



7FBF00



5E5556



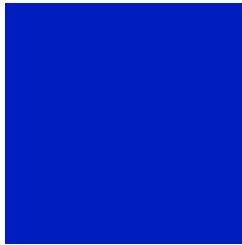
9E0018



1F0005

Previews

White Background



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

Color Contrast Check

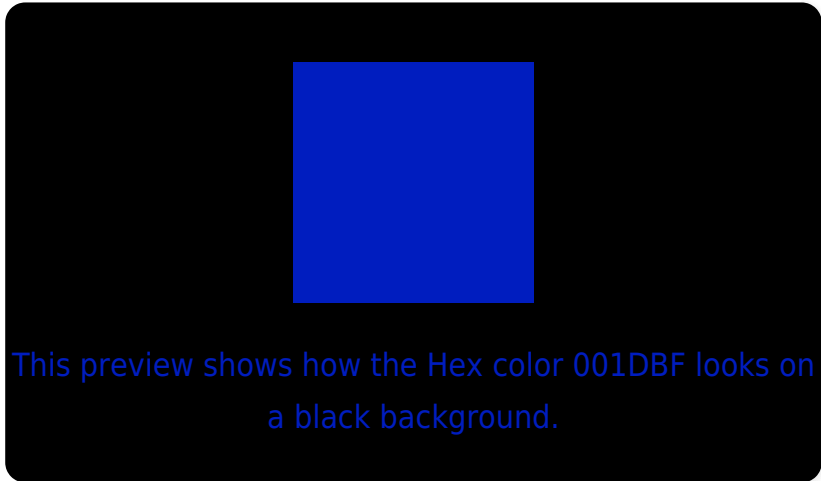
Large Text (above 18pt) WCAG AA ✓ Pass

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

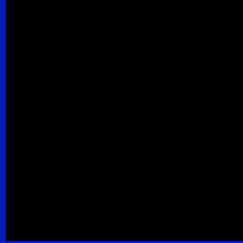
Any Text WCAG AA × Fail

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 001DBF Background



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



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

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
001DBF

Protanopia
003C7D

Deuteranopia
00406A

Trichromacy



Original Color

001DBF

Protanomaly

003195

Deuteranomaly

003389

Tritanomaly

003673

Monochromacy



Original Color

001DBF

Achromatopsia

272727

Achromatomaly

19235E

CSS Examples

Text

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

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

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 #001DBF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor