

Converting Colors

Hex(001DCC)

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

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Color

Hex(001DCC)

Conversions

Conversions Part 1

Format	Color
Hex	001DCC
RGB	0, 29, 204
RGB Percent	0%, 11%, 80%
CMY	1.0000, 0.8863, 0.2000
CMYK	1.00, 0.86, 0.00, 0.20
HSL	231°, 100%, 40%
HSV	231°, 100%, 80%
XYZ	11.3384, 5.2384, 57.5402
YIQ	40.2790, -73.4590, 48.2770

Conversions

Conversions Part 2

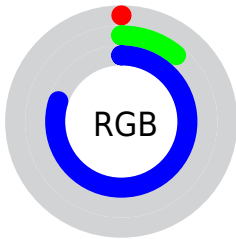
Format	Color
RYB	0, 25, 204
Decimal	7628
CIELab	27.40, 59.05, -86.86
CIELCh	27, 105.035, 304.209
Yxy	5.2384, 0.1530, 0.0707
Android (android.graphics.Color)	4278197708 (0xFF001DCC)
YUV	40.2790, 80.7145, -35.3247
Hunter-Lab	22.8875, 48.3758, -133.0368

Details

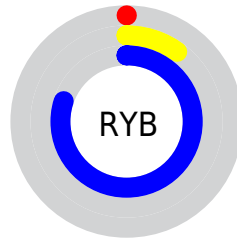
The Hex color **001DCC** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **CCAF00**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **694FFF**, and **000094** is the 20% darker color. If you saturate the color by 10%, you get **001DCC**, and if you desaturate by 10%, it is **142ECC**.

Distribution



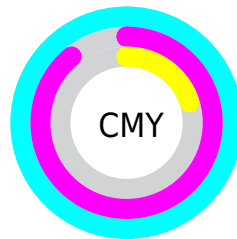
- Red (0%)
- Green (11%)
- Blue (80%)



- Red (0%)
- Yellow (10%)
- Blue (80%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (89%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 001DCC

 001DCC

FFFFFF

 0001B0

 694FFF

 000094

 8A69FF

 000079

 AA83FF

 000B5F

 CA9EFF

 000846

 E9B9FF

 00042F

 FFD5FF

 000119

 FFF2FF

 000000

 001DCC

 142ECC

 2940CC

 3D51CC

 5263CC

 6674CC

 7A86CC

 8F97CC

 A3A9CC

 B8BBCC

Harmonies

Analogous

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



004EEA



001DCC



A00089

Triad

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



001DCC



841000



00584B

Complementary

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



001DCC



CCAF00

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.



005600



001DCC



464300

Square

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



001DCC



AF0000



005100



005B9D

Rectangle

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



001DCC



B90054



005100



00582E

Sweetspot

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



001DCC



B3BDFE



00CCAD



525880



000000



808080

Same Dimension

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



001DCC



0024FF



4700CC



5C5D66



0018A6



000526

Inverse Universe

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



CC001D



FF0024



85CC00



665C5D



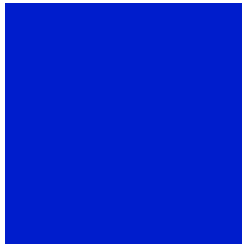
A60018



260005

Previews

White Background



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

Color Contrast Check

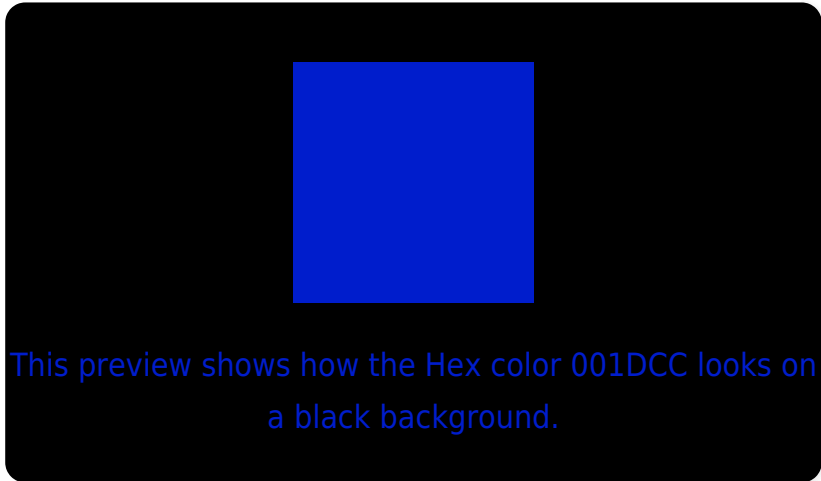
Large Text (above 18pt) WCAG AA ✓ Pass

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

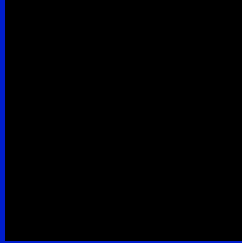
Any Text WCAG AA × Fail

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 001DCC Background



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



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

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
001DCC

Protanopia
003F84

Deuteranopia
004370



Tritanopia
00494C

Trichromacy



Original Color
001DCC

Protanomaly
00339E

Deuteranomaly
003591

Tritanomaly
00397B

Monochromacy



Original Color
001DCC

Achromatopsia
282828

Achromatomaly
192464

CSS Examples

Text

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

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

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 #001DCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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