

Converting Colors

Hex(002DD6)

Have a look what the booklet for
Hex(002DD6) contains.

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Color

Hex(002DD6)

Conversions

Conversions Part 1

Format	Color
Hex	002DD6
RGB	0, 45, 214
RGB Percent	0%, 18%, 84%
CMY	1.0000, 0.8235, 0.1608
CMYK	1.00, 0.79, 0.00, 0.16
HSL	227°, 100%, 42%
HSV	227°, 100%, 84%
XYZ	13.0760, 6.7318, 64.2285
YIQ	50.8110, -81.0690, 43.0190

Conversions

Conversions Part 2

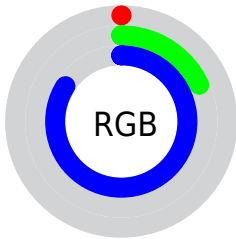
Format	Color
RYB	0, 37, 214
Decimal	11734
CIELab	31.19, 54.72, -86.37
CIELCh	31, 102.247, 302.354
Yxy	6.7318, 0.1556, 0.0801
Android (android.graphics.Color)	4278201814 (0xFF002DD6)
YUV	50.8110, 80.4522, -44.5612
Hunter-Lab	25.9457, 44.5544, -128.6100

Details

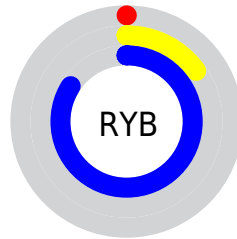
The Hex color **002DD6** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D6A900**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **6B5DFF**, and **00009E** is the 20% darker color. If you saturate the color by 10%, you get **002DD6**, and if you desaturate by 10%, it is **153ED6**.

Distribution



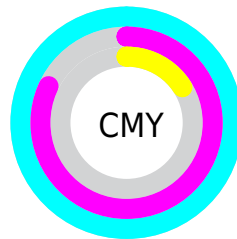
- Red (0%)
- Green (18%)
- Blue (84%)



- Red (0%)
- Yellow (15%)
- Blue (84%)



- Cyan (100%)
- Magenta (79%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (82%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002DD6 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 002DD6 by changing the saturation by 10% instead.

 002DD6	 002DD6
 FFFFFFFF	 0016B9
 6B5DFF	 00009E
 8C77FF	 000083
 AC91FF	 000568
 CCACFF	 000A4F
 EBC8FF	 000537
 FFE4FF	 000221
	 000005
	 000000

 002DD6

 153ED6

 2B4FD6

 4060D6

 5671D6

 6B82D6

 8092D6

 96A3D6

 ABB4D6

 C1C5D6

Harmonies

Analogous

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



0057F1



002DD6



A50096

Triad

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



002DD6



921900



00624E

Complementary

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



002DD6



D6A900

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.



006000



002DD6



554A00

Square

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



002DD6



BB0000



005A00



0064A0

Rectangle

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



002DD6



C10062



005A00



006132

Sweetspot

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



002DD6



B3C3FF



00D6A8



525B80



000000



808080

Same Dimension

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



002DD6



0036FF



3D00D6



60636B



0024AB



00092B

Inverse Universe

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



D6002D



FF0036



99D600



6B6063



AB0024



2B0009

Previews

White Background



This preview shows how the Hex color 002DD6 looks on a white background.

Color Contrast Check

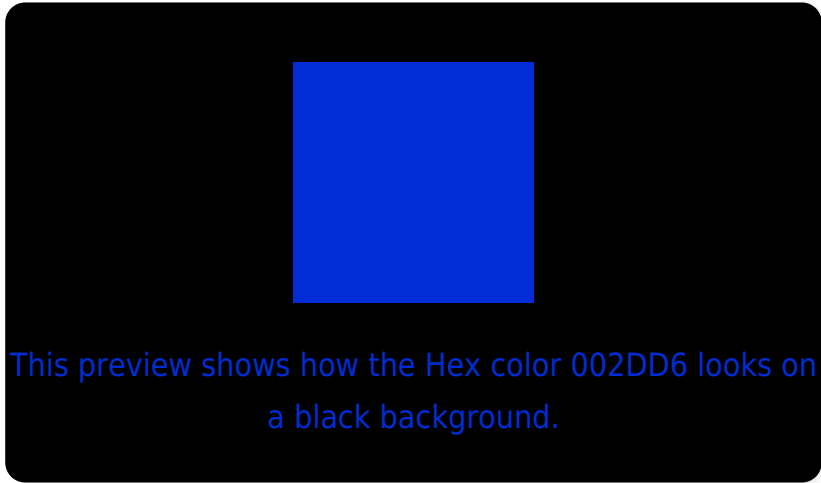
Large Text (above 18pt) WCAG AA ✓ Pass

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

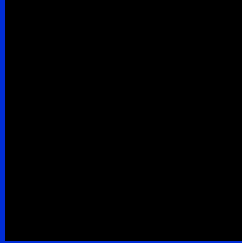
Any Text WCAG AA × Fail

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 002DD6 Background



This preview shows how black text looks on a background with the Hex color 002DD6.



This preview shows how white text looks on a background with the Hex color 002DD6.

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
002DD6

Protanopia
004795

Deuteranopia
004C7E

Trichromacy



Original Color
002DD6

Protanomaly
003EAD

Deuteranomaly
00419E

Tritanomaly
004585

Monochromacy



Original Color
002DD6

Achromatopsia
333333

Achromatomaly
20316E

CSS Examples

Text

The CSS property to change the color of the text to Hex 002DD6 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 #002DD6 looks like.

```
.text, #text, p{  
    color:#002DD6  
}
```

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 #002DD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002DD6  
}
```

Border

The CSS property to change the border of an element to Hex 002DD6 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  
#002DD6 }
```

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

```
.border{ border-color:#002DD6 }
```

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

Here you see how a box with a 4 pixel #002DD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002DD6; -webkit-box-shadow:4px 4px  
4px 4px #002DD6; box-shadow:4px 4px 4px  
4px #002DD6 }
```

Background

The CSS property to change the background color of an element to Hex 002DD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002DD6 }
```

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

```
.background{ background-color:#002DD6 }
```

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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