

Converting Colors

Hex(002DB3)

Have a look what the booklet for
Hex(002DB3) contains.

Hex(002DB3)	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>	28

Color

Hex(002DB3)

Conversions

Conversions Part 1

Format	Color
Hex	002DB3
RGB	0, 45, 179
RGB Percent	0%, 18%, 70%
CMY	1.0000, 0.8235, 0.2980
CMYK	1.00, 0.75, 0.00, 0.30
HSL	225°, 100%, 35%
HSV	225°, 100%, 70%
XYZ	9.0751, 5.1314, 43.1600
YIQ	46.8210, -69.8340, 32.1340

Conversions

Conversions Part 2

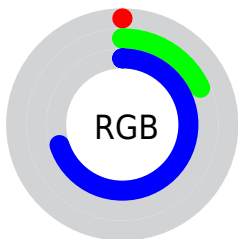
Format	Color
R _{YB}	0, 36, 179
Decimal	11699
CIE _{Lab}	27.11, 42.73, -72.60
CIE _{LCh}	27, 84.236, 300.479
Yxy	5.1314, 0.1582, 0.0895
Android (android.graphics.Color)	4278201779 (0xFF002DB3)
YUV	46.8210, 65.1642, -41.0620
Hunter-Lab	22.6527, 31.8680, -97.1078

Details

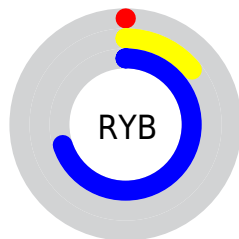
The Hex color **002DB3** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **B38600**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5F5CEC**, and **00057D** is the 20% darker color. If you saturate the color by 10%, you get **002DB3**, and if you desaturate by 10%, it is **123AB3**.

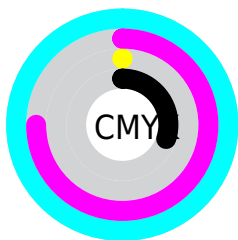
Distribution



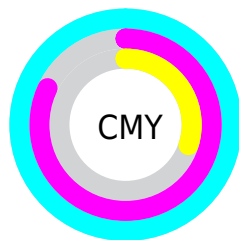
- Red (0%)
- Green (18%)
- Blue (70%)



- Red (0%)
- Yellow (14%)
- Blue (70%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (82%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002DB3 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 002DB3 by changing the saturation by 10% instead.

 002DB3

 002DB3

FFFFFF

 001897

 5F5CEC

 00057D

 7F74FF

 000063

 9E8EFF

 00094A

 BCA9FF

 000432

 DAC4FF

 00021C

 F9E0FF

 000000

 FFFDFF

 002DB3

 123AB3

 2448B3

 3655B3

 4863B3

 5A70B3

 6B7DB3

 7D8BB3

 8F98B3

 A1A6B3

Harmonies

Analogous

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



004BC6



002DB3



880081

Triad

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



002DB3



7F1900



005540

Complementary

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



002DB3



B38600

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.



005300



002DB3



4F3F00

Square

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



002DB3



9F0000



004D00



005781

Rectangle

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



002DB3



A00058



004D00



005428

Sweetspot

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



002DB3



A2B4E8



00B383



4B5675



F5F5F5



757575

Same Dimension

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



002DB3



003AE8



2A00B3



505359



002699



00061A

Inverse Universe

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



B3002D



E8003A



89B300



595053



990026



1A0006

Previews

White Background



This preview shows how the Hex color 002DB3 looks on a white background.

Color Contrast Check

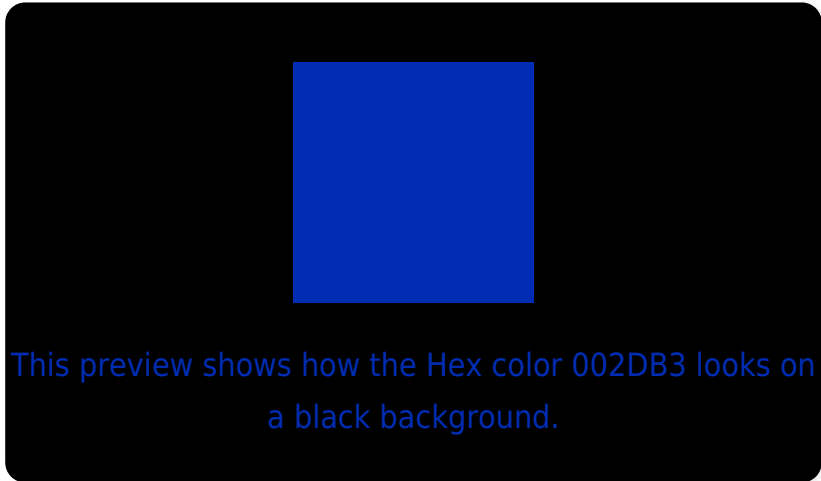
Large Text (above 18pt) WCAG AA ✓ Pass

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

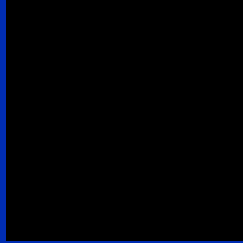
Any Text WCAG AA × Fail

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 002DB3 Background



This preview shows how black text looks on a background with the Hex color 002DB3.



This preview shows how white text looks on a background with the Hex color 002DB3.

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



Trichromacy



Original Color
002DB3

Protanomaly
003894

Deuteranomaly
003B88

Monochromacy



Original Color
002DB3

Achromatopsia
2F2F2F

Achromatomaly
1E2E5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 002DB3 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 #002DB3 looks like.

```
.text, #text, p{  
    color:#002DB3  
}
```

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 #002DB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002DB3
}
```

Border

The CSS property to change the border of an element to Hex 002DB3 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
#002DB3 }
```

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

```
.border{ border-color:#002DB3 }
```

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

Here you see how a box with a 4 pixel #002DB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002DB3; -webkit-box-shadow:4px 4px  
4px 4px #002DB3; box-shadow:4px 4px 4px  
4px #002DB3 }
```

Background

The CSS property to change the background color of an element to Hex 002DB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002DB3 }
```

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

```
.background{ background-color:#002DB3 }
```

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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