

Converting Colors

Hex(003DBC)

Have a look what the booklet for
Hex(003DBC) contains.

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Color

Hex(003DBC)

Conversions

Conversions Part 1

Format	Color
Hex	003DBC
RGB	0, 61, 188
RGB Percent	0%, 24%, 74%
CMY	1.0000, 0.7608, 0.2627
CMYK	1.00, 0.68, 0.00, 0.26
HSL	221°, 100%, 37%
HSV	221°, 100%, 74%
XYZ	10.7458, 6.9683, 48.3556
YIQ	57.2390, -77.1230, 26.5650

Conversions

Conversions Part 2

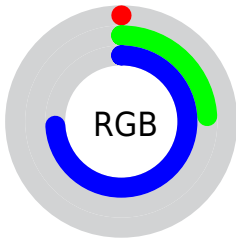
Format	Color
RYB	0, 46, 188
Decimal	15804
CIELab	31.73, 36.02, -70.29
CIELCh	32, 78.980, 297.132
Yxy	6.9683, 0.1626, 0.1055
Android (android.graphics.Color)	4278205884 (0xFF003DBC)
YUV	57.2390, 64.4652, -50.1986
Hunter-Lab	26.3976, 26.4674, -90.1302

Details

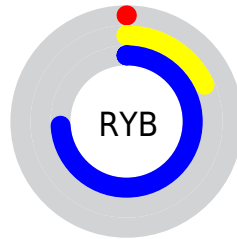
The Hex color **003DBC** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **BC7F00**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **616CF5**, and **001485** is the 20% darker color. If you saturate the color by 10%, you get **003DBC**, and if you desaturate by 10%, it is **134ABC**.

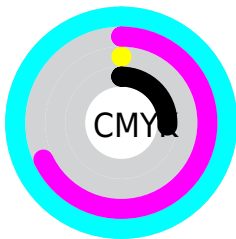
Distribution



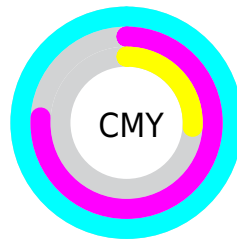
- Red (0%)
- Green (24%)
- Blue (74%)



- Red (0%)
- Yellow (18%)
- Blue (74%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (76%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003DBC 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 003DBC by changing the saturation by 10% instead.

 003DBC

 003DBC

FFFFFF

 0028A0

 616CF5

 001485

 8185FF

 00006B

 9FA0FF

 000B52

 BEBBFF

 00053A

 DCD6FF

 000223

 FBF3FF

 00000A

 000000

 003DBC

■ 134ABC

■ 2656BC

■ 3863BC

■ 4B70BC

■ 5E7DBC

■ 7189BC

■ 8496BC

■ 96A3BC

■ A9AFBC

Harmonies

Analogous

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



0056CA



003DBC



8B008F

Triad

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



003DBC



8E2400



006143

Complementary

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



003DBC



BC7F00

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.



005E00



003DBC



614700

Square

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



003DBC



AA0018



1F5700



006283

Rectangle

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



003DBC



A60068



1F5700



00602C

Sweetspot

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



003DBC



ABC3F5



00BC7D



4E5D7A



FAFAFA



7A7A7A

Same Dimension

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



003DBC



004FF5



1F00BC



55585E



00339E



000A1F

Inverse Universe

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



BC003D



F5004F



9DBC00



5E5558



9E0033



1F000A

Previews

White Background



This preview shows how the Hex color 003DBC looks on a white background.

Color Contrast Check

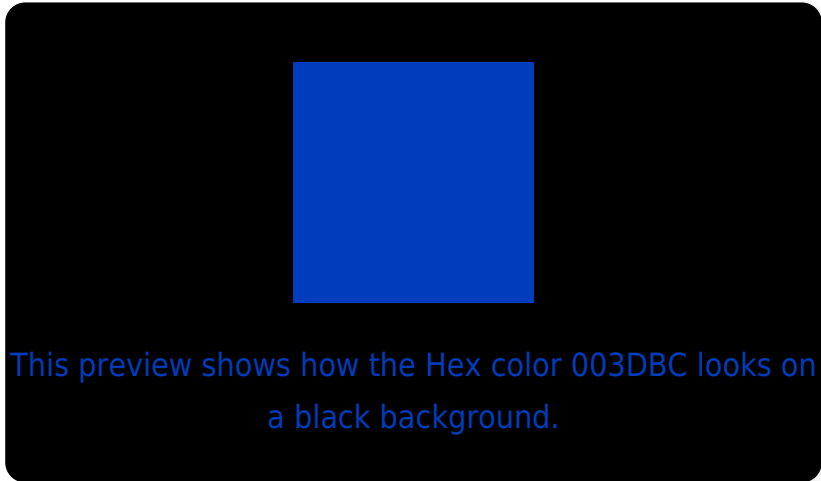
Large Text (above 18pt) WCAG AA ✓ Pass

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

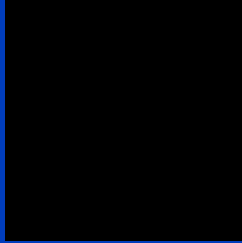
Any Text WCAG AA × Fail

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 003DBC Background



This preview shows how black text looks on a background with the Hex color 003DBC.



This preview shows how white text looks on a background with the Hex color 003DBC.

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
003DBC

Protanopia
004898

Deuteranopia
004D82

Trichromacy



Original Color
003DBC

Protanomaly
0044A5

Deuteranomaly
004797

Tritanomaly
004B7C

Monochromacy



Original Color
003DBC

Achromatopsia
393939

Achromatomaly
243A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 003DBC 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 #003DBC looks like.

```
.text, #text, p{  
    color:#003DBC  
}
```

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 #003DBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003DBC
}
```

Border

The CSS property to change the border of an element to Hex 003DBC is called "border". The border property can be set on classes, ids or directly on the HTML element.

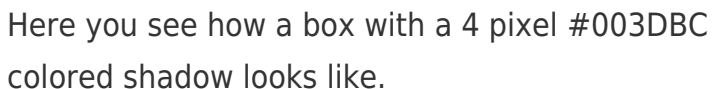
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#003DBC }
```

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

```
.border{ border-color:#003DBC }
```

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



Here you see how a box with a 4 pixel #003DBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003DBC; -webkit-box-shadow:4px 4px  
4px 4px #003DBC; box-shadow:4px 4px 4px  
4px #003DBC }
```

Background

The CSS property to change the background color of an element to Hex 003DBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003DBC }
```

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

```
.background{ background-color:#003DBC }
```

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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