

Converting Colors

Hex(003BB2)

Have a look what the booklet for
Hex(003BB2) contains.

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Color

Hex(003BB2)

Conversions

Conversions Part 1

Format	Color
Hex	003BB2
RGB	0, 59, 178
RGB Percent	0%, 23%, 70%
CMY	1.0000, 0.7686, 0.3020
CMYK	1.00, 0.67, 0.00, 0.30
HSL	220°, 100%, 35%
HSV	220°, 100%, 70%
XYZ	9.5998, 6.3423, 42.8377
YIQ	54.9250, -73.3630, 24.5010

Conversions

Conversions Part 2

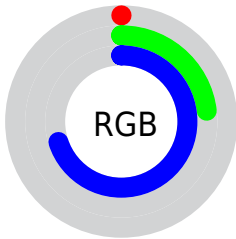
Format	Color
RYB	0, 44, 178
Decimal	15282
CIELab	30.26, 33.45, -66.79
CIELCh	30, 74.701, 296.605
Yxy	6.3423, 0.1633, 0.1079
Android (android.graphics.Color)	4278205362 (0xFF003BB2)
YUV	54.9250, 60.6760, -48.1692
Hunter-Lab	25.1839, 23.9706, -83.2233

Details

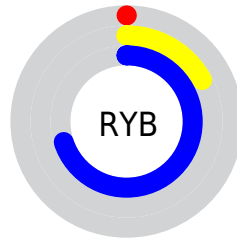
The Hex color **003BB2** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B27700**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5E6AEB**, and **00137C** is the 20% darker color. If you saturate the color by 10%, you get **003BB2**, and if you desaturate by 10%, it is **1247B2**.

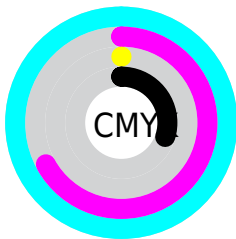
Distribution



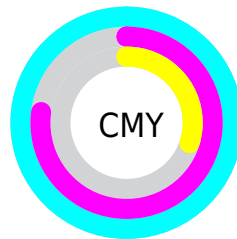
- Red (0%)
- Green (23%)
- Blue (70%)



- Red (0%)
- Yellow (17%)
- Blue (70%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (77%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003BB2 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 003BB2 by changing the saturation by 10% instead.

■ 003BB2

■ 003BB2

FFFFFF

■ 002697

■ 5E6AEB

■ 00137C

■ 7D83FF

■ 000062

■ 9B9DFF

■ 000949

■ B9B8FF

■ 000432

■ D8D4FF

■ 00011C

■ F6F0FF

■ 000000

■ 003BB2

■ 1247B2

 2453B2

 355FB2

 476BB2

 5976B2

 6B82B2

 7D8EB2

 8E9AB2

 A0A6B2

Harmonies

Analogous

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



0052BF



003BB2



820089

Triad

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



003BB2



882300



005C3F

Complementary

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



003BB2



B27700

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.



005900



003BB2



5E4300

Square

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



003BB2



A20018



215200



005D7B

Rectangle

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



003BB2



9D0064



215200



005B2A

Sweetspot

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



003BB2



A2BAE8



00B277



4B5975



F5F5F5



757575

Same Dimension

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



003BB2



004DE8



1E00B2



505359



003399



00081A

Inverse Universe

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



B2003B



E8004D



94B200



595053



990033



1A0008

Previews

White Background



This preview shows how the Hex color 003BB2 looks on a white background.

Color Contrast Check

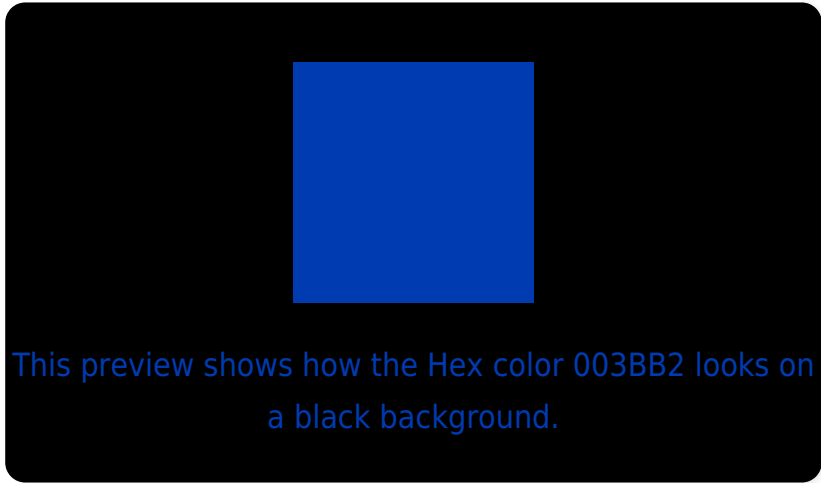
Large Text (above 18pt) WCAG AA ✓ Pass

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

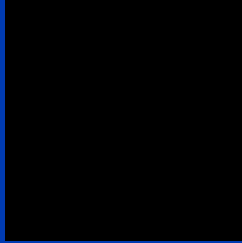
Any Text WCAG AA × Fail

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 003BB2 Background



This preview shows how black text looks on a background with the Hex color 003BB2.



This preview shows how white text looks on a background with the Hex color 003BB2.

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
003BB2

Protanopia
004592

Deuteranopia
004A7C

Trichromacy



Original Color
003BB2

Protanomaly
00419E

Deuteranomaly
004590

Tritanomaly
004876

Monochromacy



Original Color
003BB2

Achromatopsia
373737

Achromatomaly
233864

CSS Examples

Text

The CSS property to change the color of the text to Hex 003BB2 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 #003BB2 looks like.

```
.text, #text, p{  
    color:#003BB2  
}
```

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 #003BB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003BB2
}
```

Border

The CSS property to change the border of an element to Hex 003BB2 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".

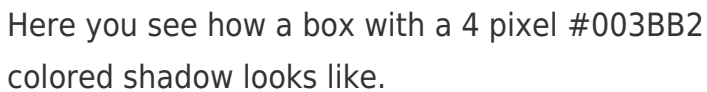
```
.border, #border, table{ border:4px solid
#003BB2 }
```

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

```
.border{ border-color:#003BB2 }
```

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

Here you see how a box with a 4 pixel #003BB2 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003BB2; -webkit-box-shadow:4px 4px  
4px 4px #003BB2; box-shadow:4px 4px 4px  
4px #003BB2 }
```

Background

The CSS property to change the background color of an element to Hex 003BB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003BB2 }
```

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

```
.background{ background-color:#003BB2 }
```

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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