

Converting Colors

Hex(0026B8)

Have a look what the booklet for
Hex(0026B8) contains.

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Color

Hex(0026B8)

Conversions

Conversions Part 1

Format	Color
Hex	0026B8
RGB	0, 38, 184
RGB Percent	0%, 15%, 72%
CMY	1.0000, 0.8510, 0.2784
CMYK	1.00, 0.79, 0.00, 0.28
HSL	228°, 100%, 36%
HSV	228°, 100%, 72%
XYZ	9.3448, 4.8469, 45.7904
YIQ	43.2820, -69.5140, 37.3500

Conversions

Conversions Part 2

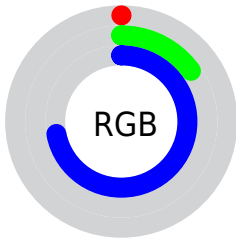
Format	Color
R _Y B	0, 31, 184
Decimal	9912
CIE Lab	26.29, 48.47, -76.92
CIE LCh	26, 90.918, 302.215
Yxy	4.8469, 0.1558, 0.0808
Android (android.graphics.Color)	4278199992 (0xFF0026B8)
YUV	43.2820, 69.3740, -37.9583
Hunter-Lab	22.0157, 37.2390, -107.9061

Details

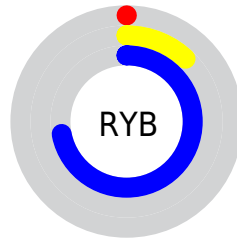
The Hex color **0026B8** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **B89200**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6255F1**, and **000081** is the 20% darker color. If you saturate the color by 10%, you get **0026B8**, and if you desaturate by 10%, it is **1235B8**.

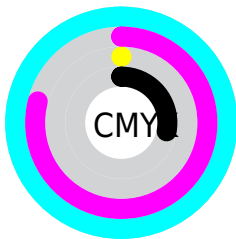
Distribution



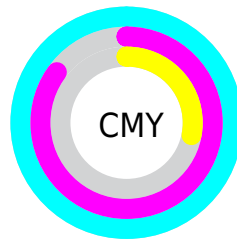
- Red (0%)
- Green (15%)
- Blue (72%)



- Red (0%)
- Yellow (12%)
- Blue (72%)



- Cyan (100%)
- Magenta (79%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (85%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0026B8 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 0026B8 by changing the saturation by 10% instead.

 0026B8

 0026B8

FFFFFF

 000F9C

 6255F1

 000081

 826EFF

 000067

 A188FF

 000A4E

 BFA3FF

 000536

 DEBEFF

 000220

 FDDAFF

 000004

 FFF7FF

 000000

 0026B8

 1235B8

 2543B8

 3752B8

 4A60B8

 5C6FB8

 6E7EB8

 818CB8

 939BB8

 A6A9B8

Harmonies

Analogous

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



004ACF



0026B8



8D0081

Triad

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



0026B8



7D1500



005442

Complementary

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



0026B8



B89200

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.



005100



0026B8



493E00

Square

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



0026B8



A10000



004D00



005688

Rectangle

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



0026B8



A60054



004D00



005329

Sweetspot

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



0026B8



A8B7F0



00B890



4D5678



F7F7F7



787878

Same Dimension

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



0026B8



0032F0



3400B8



53555C



00209C



00061C

Inverse Universe

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



B80026



F00032



84B800



5C5355



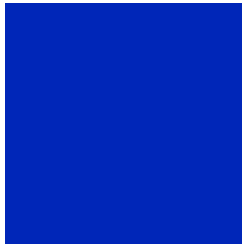
9C0020



1C0006

Previews

White Background



This preview shows how the Hex color 0026B8 looks on a white background.

Color Contrast Check

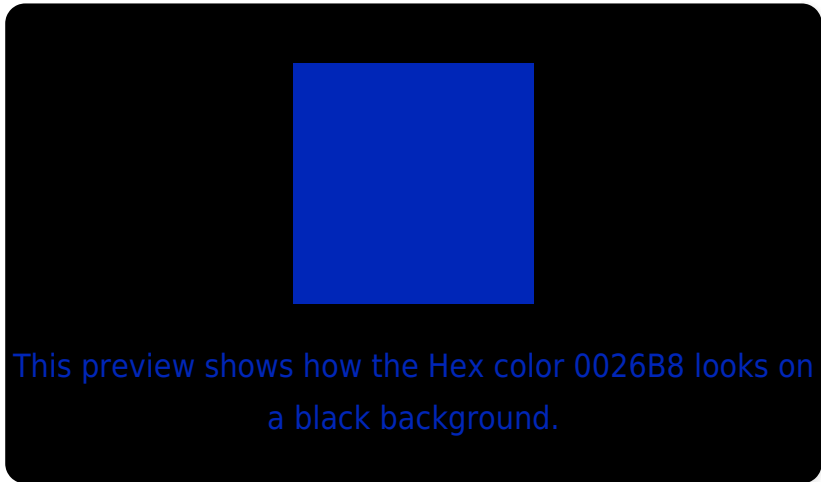
Large Text (above 18pt) WCAG AA ✓ Pass

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

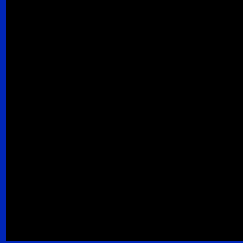
Any Text WCAG AA × Fail

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 0026B8 Background



This preview shows how black text looks on a background with the Hex color 0026B8.



This preview shows how white text looks on a background with the Hex color 0026B8.

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
0026B8

Protanopia
003D7F

Deuteranopia
00416C

Trichromacy



Original Color
0026B8

Protanomaly
003594

Deuteranomaly
003788

Tritanomaly
003A71

Monochromacy



Original Color
0026B8

Achromatopsia
2B2B2B

Achromatomaly
1B295E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0026B8 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 #0026B8 looks like.

```
.text, #text, p{  
    color:#0026B8  
}
```

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 #0026B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0026B8
}
```

Border

The CSS property to change the border of an element to Hex 0026B8 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
#0026B8 }
```

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

```
.border{ border-color:#0026B8 }
```

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

Here you see how a box with a 4 pixel #0026B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0026B8; -webkit-box-shadow:4px 4px  
4px 4px #0026B8; box-shadow:4px 4px 4px  
4px #0026B8 }
```

Background

The CSS property to change the background color of an element to Hex 0026B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0026B8 }
```

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

```
.background{ background-color:#0026B8 }
```

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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