

Converting Colors

Hex(0018BF)

Have a look what the booklet for
Hex(0018BF) contains.

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Color

Hex(0018BF)

Conversions

Conversions Part 1

Format	Color
Hex	0018BF
RGB	0, 24, 191
RGB Percent	0%, 9%, 75%
CMY	1.0000, 0.9059, 0.2510
CMYK	1.00, 0.87, 0.00, 0.25
HSL	232°, 100%, 37%
HSV	232°, 100%, 75%
XYZ	9.7306, 4.4149, 49.6295
YIQ	35.8620, -67.9110, 46.8490

Conversions

Conversions Part 2

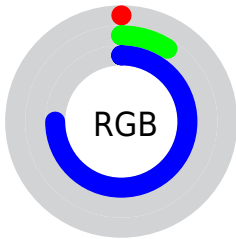
Format	Color
RYB	0, 21, 191
Decimal	6335
CIELab	25.00, 57.19, -83.23
CIELCh	25, 100.985, 304.493
Yxy	4.4149, 0.1526, 0.0692
Android (android.graphics.Color)	4278196415 (0xFF0018BF)
YUV	35.8620, 76.4830, -31.4510
Hunter-Lab	21.0116, 45.8944, -125.3355

Details

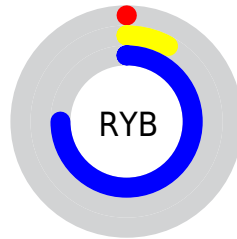
The Hex color **0018BF** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BFA700**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **654AF9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **0018BF**, and if you desaturate by 10%, it is **1329BF**.

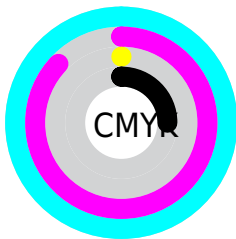
Distribution



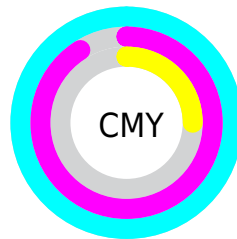
- Red (0%)
- Green (9%)
- Blue (75%)



- Red (0%)
- Yellow (8%)
- Blue (75%)



- Cyan (100%)
- Magenta (87%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (91%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0018BF 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 0018BF by changing the saturation by 10% instead.

■ 0018BF

FFFFFF

■ 654AF9

■ 8664FF

■ A57EFF

■ C498FF

■ E4B4FF

■ FFD0FF

■ FFECFF

■ 0018BF

■ 0018BF

■ 0000A3

■ 000088

■ 00006D

■ 000B54

■ 00063C

■ 000225

■ 00010D

■ 000000

 1329BF

 2639BF

 394ABF

 4C5BBF

 606CBF

 737CBF

 868DBF

 999EBF

 ACAEBF

Harmonies

Analogous

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



0048DC



0018BF



96007F

Triad

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



0018BF



7A0D00



005246

Complementary

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



0018BF



BFA700

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.



004F00



0018BF



403D00

Square

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



0018BF



A30000



004B00



005493

Rectangle

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



0018BF



AE004D



004B00



00512B

Sweetspot

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



0018BF



ADB6F7



00BFA6



50567D



FCFCFC



7D7D7D

Same Dimension

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



0018BF



001FF7



4600BF



55565E



00149E



00041F

Inverse Universe

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



BF0018



F7001F



79BF00



5E5556



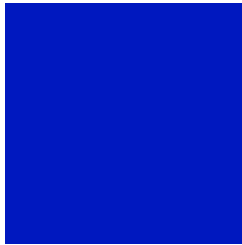
9E0014



1F0004

Previews

White Background



This preview shows how the Hex color 0018BF looks on a white background.

Color Contrast Check

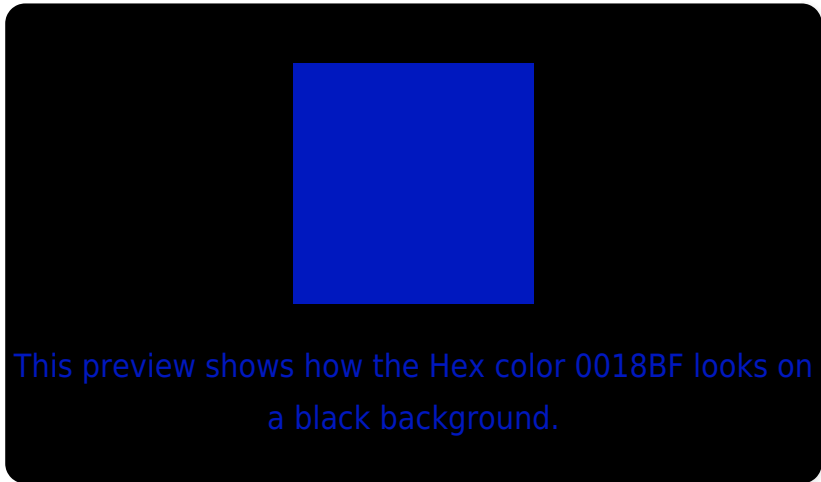
Large Text (above 18pt) WCAG AA ✓ Pass

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

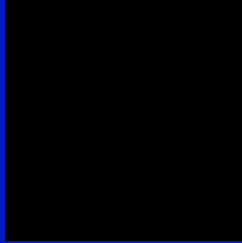
Any Text WCAG AA × Fail

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 0018BF Background



This preview shows how black text looks on a background with the Hex color 0018BF.



This preview shows how white text looks on a background with the Hex color 0018BF.

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
0018BF

Protanopia
003A7A

Deuteranopia
003E68

Trichromacy



Original Color
0018BF

Protanomaly
002E93

Deuteranomaly
003088

Tritanomaly
003372

Monochromacy



Original Color
0018BF

Achromatopsia
242424

Achromatomaly
17205C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0018BF 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 #0018BF looks like.

```
.text, #text, p{  
    color:#0018BF  
}
```

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 #0018BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0018BF
}
```

Border

The CSS property to change the border of an element to Hex 0018BF 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".

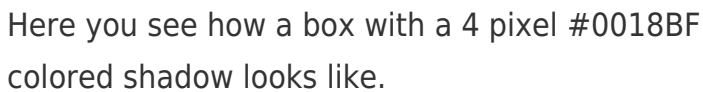
```
.border, #border, table{ border:4px solid
#0018BF }
```

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

```
.border{ border-color:#0018BF }
```

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

Here you see how a box with a 4 pixel #0018BF 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 #0018BF; -webkit-box-shadow:4px 4px  
4px 4px #0018BF; box-shadow:4px 4px 4px  
4px #0018BF }
```

Background

The CSS property to change the background color of an element to Hex 0018BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0018BF }
```

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

```
.background{ background-color:#0018BF }
```

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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