

Converting Colors

Hex(0025BF)

Have a look what the booklet for
Hex(0025BF) contains.

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Color

Hex(0025BF)

Conversions

Conversions Part 1

Format	Color
Hex	0025BF
RGB	0, 37, 191
RGB Percent	0%, 15%, 75%
CMY	1.0000, 0.8549, 0.2510
CMYK	1.00, 0.81, 0.00, 0.25
HSL	228°, 100%, 37%
HSV	228°, 100%, 75%
XYZ	10.0655, 5.0847, 49.7412
YIQ	43.4930, -71.4860, 40.0500

Conversions

Conversions Part 2

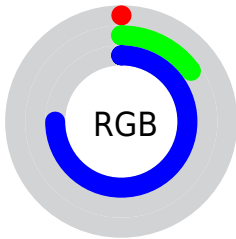
Format	Color
RYB	0, 31, 191
Decimal	9663
CIELab	26.97, 51.32, -79.94
CIELCh	27, 94.995, 302.701
Yxy	5.0847, 0.1551, 0.0784
Android (android.graphics.Color)	4278199743 (0xFF0025BF)
YUV	43.4930, 72.7210, -38.1434
Hunter-Lab	22.5493, 40.2172, -115.0022

Details

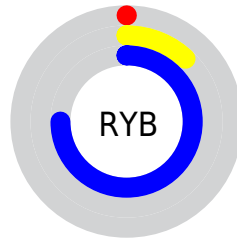
The Hex color **0025BF** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BF9A00**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6455F9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **0025BF**, and if you desaturate by 10%, it is **1334BF**.

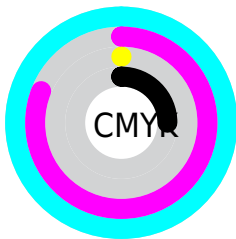
Distribution



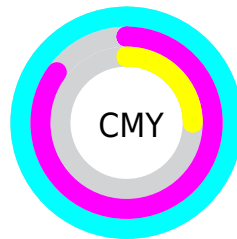
- Red (0%)
- Green (15%)
- Blue (75%)



- Red (0%)
- Yellow (12%)
- Blue (75%)



- Cyan (100%)
- Magenta (81%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (85%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0025BF 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 0025BF by changing the saturation by 10% instead.

 0025BF

 0025BF

FFFFFF

 000EA3

 6455F9

 000088

 856EFF

 00006E

 A488FF

 000B54

 C3A2FF

 00063C

 E2BEFF

 000225

 FFDAFF

 00010E

 FFF7FF

 000000

 0025BF

 1334BF

 2644BF

 3953BF

 4C63BF

 6072BF

 7381BF

 8691BF

 99A0BF

 ACB0BF

Harmonies

Analogous

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



004CD8



0025BF



940084

Triad

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



0025BF



801400



005645

Complementary

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



0025BF



BF9A00

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.



005400



0025BF



494000

Square

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



0025BF



A60000



004F00



00588F

Rectangle

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



0025BF



AD0055



004F00



00552B

Sweetspot

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



0025BF



ADBC7F



00BF99



50597D



FCFCFC



7D7D7D

Same Dimension

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



0025BF



0030F7



3900BF



55575E



001F9E



00061F

Inverse Universe

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



BF0025



F70030



86BF00



5E5557



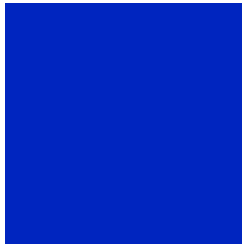
9E001F



1F0006

Previews

White Background



This preview shows how the Hex color 0025BF looks on a white background.

Color Contrast Check

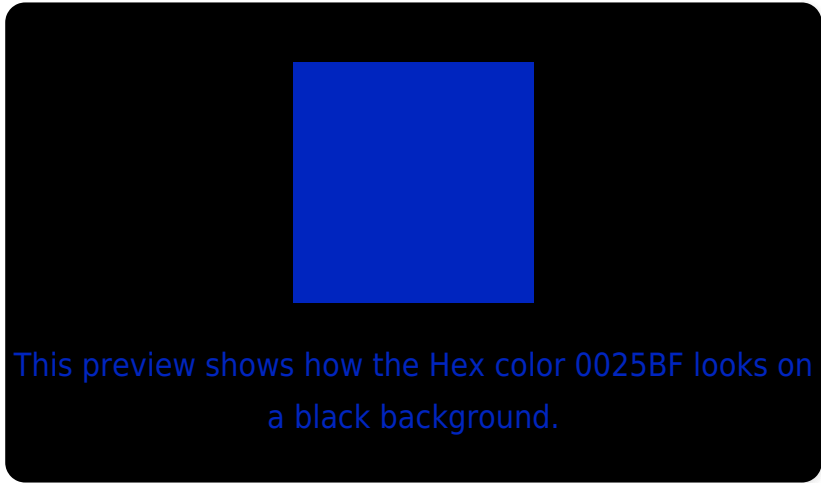
Large Text (above 18pt) WCAG AA ✓ Pass

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

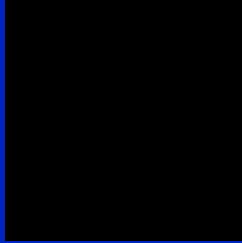
Any Text WCAG AA × Fail

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 0025BF Background



This preview shows how black text looks on a background with the Hex color 0025BF.



This preview shows how white text looks on a background with the Hex color 0025BF.

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
0025BF

Protanopia
003E82

Deuteranopia
00426F



Tritanopia
00474B

Trichromacy



Original Color
0025BF

Protanomaly
003598

Deuteranomaly
00378C

Tritanomaly
003B75

Monochromacy



Original Color
0025BF

Achromatopsia
2B2B2B

Achromatomaly
1B2961

CSS Examples

Text

The CSS property to change the color of the text to Hex 0025BF 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 #0025BF looks like.

```
.text, #text, p{  
    color:#0025BF  
}
```

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 #0025BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0025BF
}
```

Border

The CSS property to change the border of an element to Hex 0025BF 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".

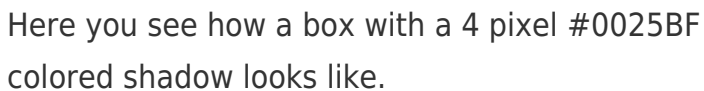
```
.border, #border, table{ border:4px solid
#0025BF }
```

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

```
.border{ border-color:#0025BF }
```

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

Here you see how a box with a 4 pixel #0025BF 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 #0025BF; -webkit-box-shadow:4px 4px  
4px 4px #0025BF; box-shadow:4px 4px 4px  
4px #0025BF }
```

Background

The CSS property to change the background color of an element to Hex 0025BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0025BF }
```

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

```
.background{ background-color:#0025BF }
```

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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