

Converting Colors

Hex(0020BF)

Have a look what the booklet for
Hex(0020BF) contains.

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Color

Hex(0020BF)

Conversions

Conversions Part 1

Format	Color
Hex	0020BF
RGB	0, 32, 191
RGB Percent	0%, 13%, 75%
CMY	1.0000, 0.8745, 0.2510
CMYK	1.00, 0.83, 0.00, 0.25
HSL	230°, 100%, 37%
HSV	230°, 100%, 75%
XYZ	9.9205, 4.7946, 49.6928
YIQ	40.5580, -70.1110, 42.6650

Conversions

Conversions Part 2

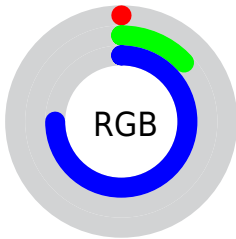
Format	Color
RYB	0, 27, 191
Decimal	8383
CIELab	26.14, 53.77, -81.33
CIElCh	26, 97.495, 303.472
Yxy	4.7946, 0.1540, 0.0744
Android (android.graphics.Color)	4278198463 (0xFF0020BF)
YUV	40.5580, 74.1679, -35.5694
Hunter-Lab	21.8966, 42.5522, -119.2269

Details

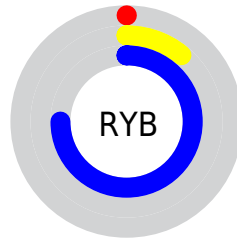
The Hex color **0020BF** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BF9F00**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6550F9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **0020BF**, and if you desaturate by 10%, it is **1330BF**.

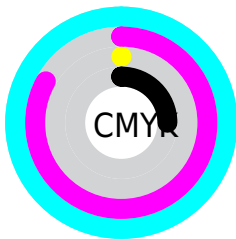
Distribution



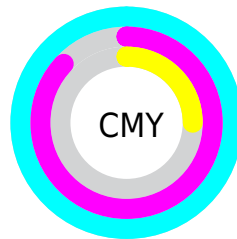
- Red (0%)
- Green (13%)
- Blue (75%)



- Red (0%)
- Yellow (11%)
- Blue (75%)



- Cyan (100%)
- Magenta (83%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0020BF 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 0020BF by changing the saturation by 10% instead.

 0020BF

 0020BF

FFFFFF

 0006A3

 6550F9

 000088

 856AFF

 00006D

 A484FF

 000B54

 C39EFF

 00063C

 E2BAFF

 000225

 FFD6FF

 00010E

 FFF2FF

 000000

 0020BF

 1330BF

 2640BF

 3950BF

 4C60BF

 6070BF

 737FBF

 868FBF

 999FBF

 ACAFBF

Harmonies

Analogous

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



004ADA



0020BF



950082

Triad

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



0020BF



7E1100



005445

Complementary

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



0020BF



BF9F00

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.



005200



0020BF



453F00

Square

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



0020BF



A50000



004D00



005691

Rectangle

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



0020BF



AD0052



004D00



00532B

Sweetspot

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



0020BF



ADBAF7



00BF9C



50587D



FCFCFC



7D7D7D

Same Dimension

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



0020BF



0029F7



3C00BF



55565E



001A9E



00051F

Inverse Universe

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



BF0020



F70029



83BF00



5E5556



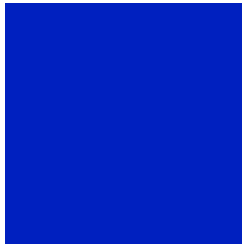
9E001A



1F0005

Previews

White Background



This preview shows how the Hex color 0020BF looks on a white background.

Color Contrast Check

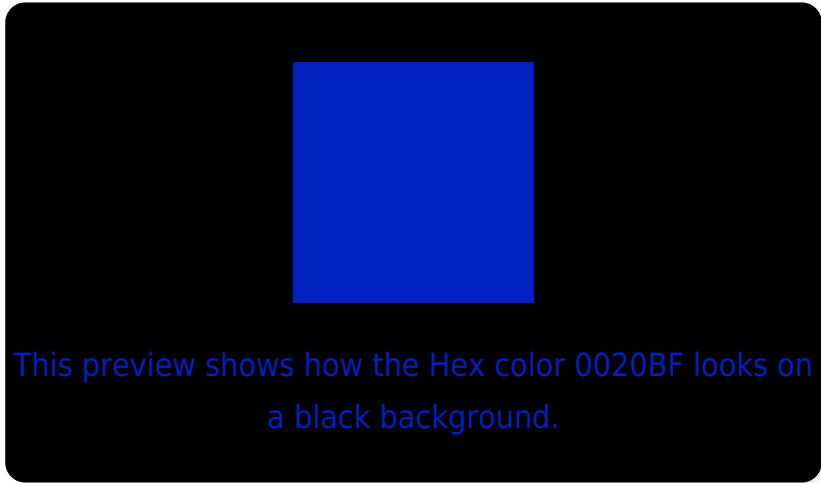
Large Text (above 18pt) WCAG AA ✓ Pass

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

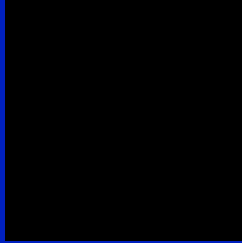
Any Text WCAG AA × Fail

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 0020BF Background



This preview shows how black text looks on a background with the Hex color 0020BF.



This preview shows how white text looks on a background with the Hex color 0020BF.

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
0020BF

Protanopia
003C7F

Deuteranopia
00416C

Trichromacy



Original Color
0020BF

Protanomaly
003296

Deuteranomaly
00358A

Tritanomaly
003874

Monochromacy



Original Color
0020BF

Achromatopsia
292929

Achromatomaly
1A2660

CSS Examples

Text

The CSS property to change the color of the text to Hex 0020BF 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 #0020BF looks like.

```
.text, #text, p{  
    color:#0020BF  
}
```

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 #0020BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0020BF
}
```

Border

The CSS property to change the border of an element to Hex 0020BF 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
#0020BF }
```

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

```
.border{ border-color:#0020BF }
```

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

Here you see how a box with a 4 pixel #0020BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0020BF; -webkit-box-shadow:4px 4px  
4px 4px #0020BF; box-shadow:4px 4px 4px  
4px #0020BF }
```

Background

The CSS property to change the background color of an element to Hex 0020BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0020BF }
```

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

```
.background{ background-color:#0020BF }
```

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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