

Converting Colors

Hex(030FB2)

Have a look what the booklet for
Hex(030FB2) contains.

Hex(030FB2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(030FB2)

Conversions

Conversions Part 1

Format	Color
Hex	030FB2
RGB	3, 15, 178
RGB Percent	1%, 6%, 70%
CMY	0.9882, 0.9412, 0.3020
CMYK	0.98, 0.92, 0.00, 0.30
HSL	236°, 97%, 35%
HSV	236°, 98%, 70%
XYZ	8.2443, 3.5754, 42.3751
YIQ	29.9940, -59.4750, 48.1490

Conversions

Conversions Part 2

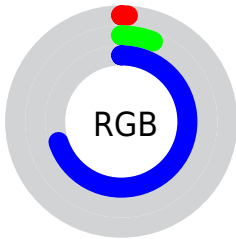
Format	Color
R_{YB}	3, 14, 178
Decimal	200626
CIE _{Lab}	22.21, 56.61, -80.13
CIE _{LCh}	22, 98.113, 305.240
Yxy	3.5754, 0.1521, 0.0660
Android (android.graphics.Color)	4278390706 (0xFF030FB2)
YUV	29.9940, 72.9670, -23.6737
Hunter-Lab	18.9086, 44.7369, -119.6355

Details

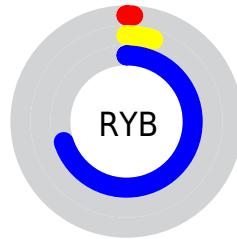
The Hex color **030FB2** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **B2A603**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **6243EB**, and **00007C** is the 20% darker color. If you saturate the color by 10%, you get **000CB2**, and if you desaturate by 10%, it is **1520B2**.

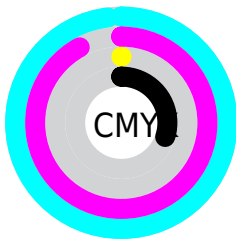
Distribution



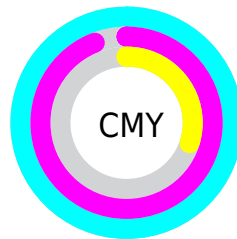
- Red (1%)
- Green (6%)
- Blue (70%)



- Red (1%)
- Yellow (5%)
- Blue (70%)



- Cyan (98%)
- Magenta (92%)
- Yellow (0%)
- Black (30%)



- Cyan (99%)
- Magenta (94%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 030FB2 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 030FB2 by changing the saturation by 10% instead.

■ 030FB2

■ 030FB2

FFFFFF

■ 000096

■ 6243EB

■ 00007C

■ 825CFF

■ 000062

■ A176FF

■ 000949

■ C091FF

■ 000431

■ DFACFF

■ 00011B

■ FEC8FF

■ 000000

■ FFE4FF

■ 030FB2

■ 030FB2

■ 000CB2

■ 1520B2

■ 2730B2

■ 3841B2

■ 4A51B2

■ 5C62B2

■ 6E72B2

■ 8083B2

■ 9194B2

■ A3A4B2

Harmonies

Analogous

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



0041CF



030FB2



8D0074

Triad

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



030FB2



6F0900



004B41

Complementary

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



030FB2



B2A603

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.



004800



030FB2



373800

Square

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



030FB2



960000



004400



004D8B

Rectangle

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



030FB2



A20045



004400



004A27

Sweetspot

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



030FB2



A5A9E8



03B2A3



4C4F75



F5F5F5



757575

Same Dimension

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



030FB2



0010E8



4C03B2



505159



000A99



00021A

Inverse Universe

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



B2030F



E80010



69B203



595051



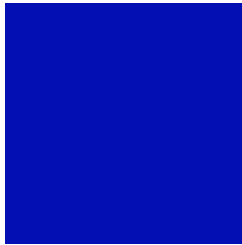
99000A



1A0002

Previews

White Background



This preview shows how the Hex color 030FB2 looks on a white background.

Color Contrast Check

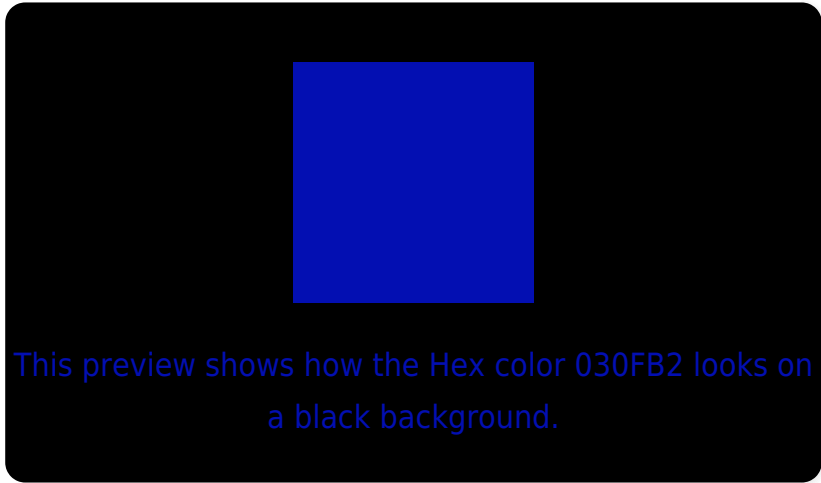
Large Text (above 18pt) WCAG AA ✓ Pass

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

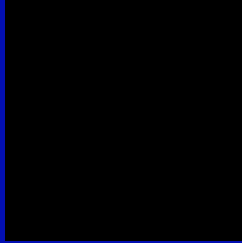
Any Text WCAG AA × Fail

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 030FB2 Background



This preview shows how black text looks on a background with the Hex color 030FB2.



This preview shows how white text looks on a background with the Hex color 030FB2.

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
030FB2

Protanopia
00356F

Deuteranopia
00395E



Tritanopia
003D40

Trichromacy



Original Color
030FB2

Protanomaly
012787

Deuteranomaly
012A7D

Tritanomaly
012C69

Monochromacy



Original Color
030FB2

Achromatopsia
1E1E1E

Achromatomaly
141954

CSS Examples

Text

The CSS property to change the color of the text to Hex 030FB2 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 #030FB2 looks like.

```
.text, #text, p{  
    color:#030FB2  
}
```

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 #030FB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #030FB2 } }
```

Border

The CSS property to change the border of an element to Hex 030FB2 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 #030FB2 } }
```

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

```
.border{ border-color:#030FB2 }
```

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

Here you see how a box with a 4 pixel #030FB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #030FB2; -webkit-box-shadow:4px 4px  
4px 4px #030FB2; box-shadow:4px 4px 4px  
4px #030FB2 }
```

Background

The CSS property to change the background color of an element to Hex 030FB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#030FB2 }
```

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

```
.background{ background-color:#030FB2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor