

Converting Colors

Hex(B02FFF)

Have a look what the booklet for
Hex(B02FFF) contains.

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Color

Hex(B02FFF)

Conversions

Conversions Part 1

Format	Color
Hex	B02FFF
RGB	176, 47, 255
RGB Percent	69%, 18%, 100%
CMY	0.3098, 0.8157, 0.0000
CMYK	0.31, 0.82, 0.00, 0.00
HSL	277°, 100%, 59%
HSV	277°, 82%, 100%
XYZ	36.9710, 18.4831, 96.2268
YIQ	109.2830, 10.1160, 92.0360

Conversions

Conversions Part 2

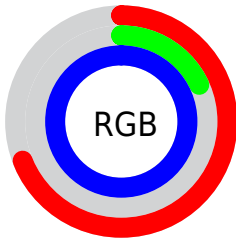
Format	Color
R _Y B	176, 47, 255
Decimal	11546623
CIE Lab	50.08, 80.17, -78.00
CIE LCh	50, 111.858, 315.786
Yxy	18.4831, 0.2437, 0.1219
Android (android.graphics.Color)	4289736703 (0xFFB02FFF)
YUV	109.2830, 71.8385, 58.5108
Hunter-Lab	42.9920, 78.2651, -102.6112

Details

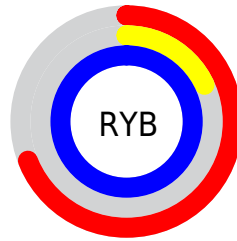
The Hex color **B02FFF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **7EFF2F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **ED6EFF**, and **7300C5** is the 20% darker color. If you saturate the color by 10%, you get **A616FF**, and if you desaturate by 10%, it is **BA49FF**.

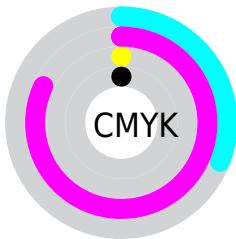
Distribution



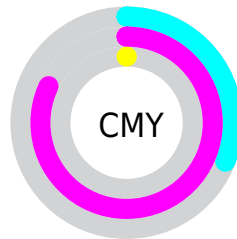
- Red (69%)
- Green (18%)
- Blue (100%)



- Red (69%)
- Yellow (18%)
- Blue (100%)



- Cyan (31%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B02FFF 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 B02FFF by changing the saturation by 10% instead.

 B02FFF

 B02FFF

FFFFFF

 9200E2

 ED6EFF

 7300C5

 FF8BFF

 5400A9

 FFA8FF

 32008D

 FFC5FF

 060073

 FFE3FF

 000059

 000740

 000329

 000114

 B02FFF

 B02FFF

 A616FF

 BA49FF

 9E00FF

 C362FF

 CD7CFF

 D795FF

 E0AFFF

 EAC8FF

 F4E2FF

 FDFBFF

FFFFFF

Harmonies

Analogous

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



0075FF



B02FFF



FF00A9

Triad

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



B02FFF



B66200



009AA9

Complementary

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



B02FFF



7EFF2F

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.



009744



B02FFF



628300

Square

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



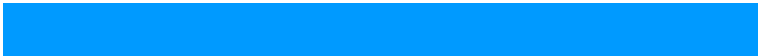
B02FFF



F20000



009100



009AFF

Rectangle

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



B02FFF



FF006A



009100



009988

Sweetspot

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



B02FFF



E8C2FF



2F7FFF



715B80



000000



808080

Same Dimension

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



B02FFF



A005FF



FF2FE7



7B7380



7700BF



280040

Inverse Universe

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



FF2F7E



FF0564



2FFF47



807378



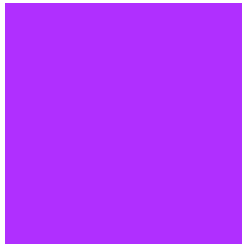
BF0049



400018

Previews

White Background



This preview shows how the Hex color B02FFF looks on a white background.

Color Contrast Check

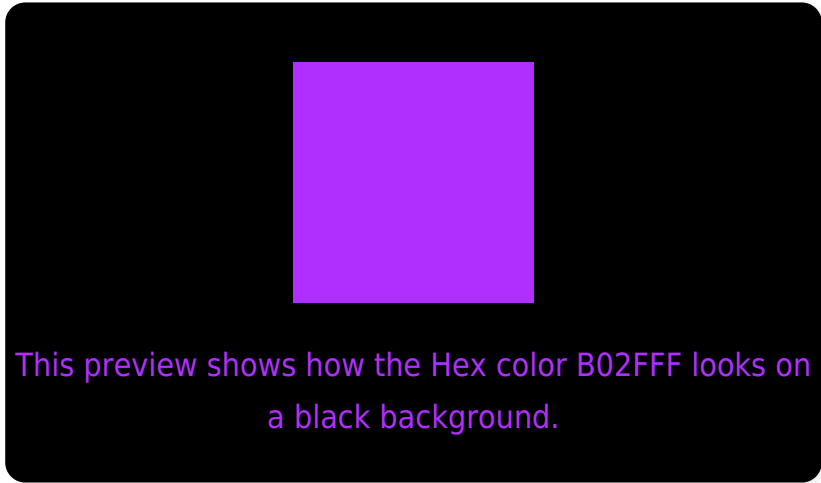
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

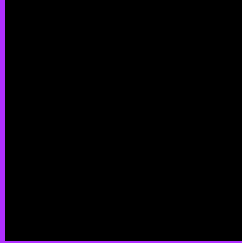
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B02FFF Background



This preview shows how black text looks on a background with the Hex color B02FFF.

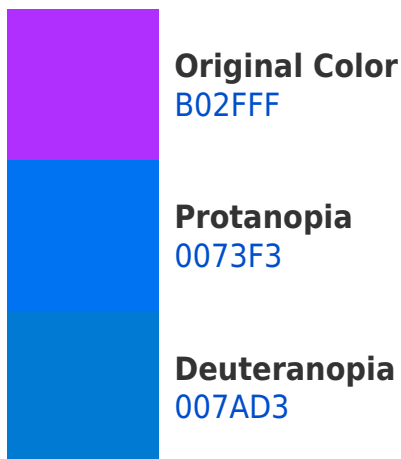



This preview shows how white text looks on a background with the Hex color B02FFF.

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](#).

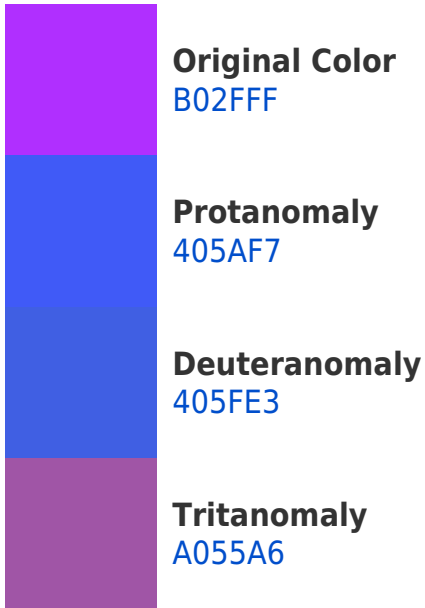
Dichromacy



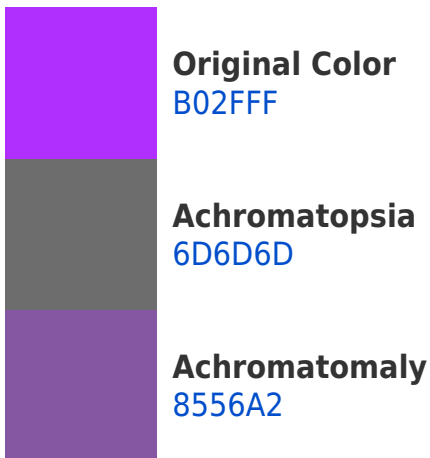


Tritanopia
976B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B02FFF 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 #B02FFF looks like.

```
.text, #text, p{  
    color:#B02FFF  
}
```

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 #B02FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B02FFF
}
```

Border

The CSS property to change the border of an element to Hex B02FFF 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
#B02FFF }
```

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

```
.border{ border-color:#B02FFF }
```

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

Here you see how a box with a 4 pixel #B02FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B02FFF; -webkit-box-shadow:4px 4px  
4px 4px #B02FFF; box-shadow:4px 4px 4px  
4px #B02FFF }
```

Background

The CSS property to change the background color of an element to Hex B02FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B02FFF }
```

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

```
.background{ background-color:#B02FFF }
```

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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