

Converting Colors

Hex(B70BF4)

Have a look what the booklet for
Hex(B70BF4) contains.

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Color

Hex(B70BF4)

Conversions

Conversions Part 1

Format	Color
Hex	B70BF4
RGB	183, 11, 244
RGB Percent	72%, 4%, 96%
CMY	0.2824, 0.9569, 0.0431
CMYK	0.25, 0.95, 0.00, 0.04
HSL	284°, 91%, 50%
HSV	284°, 95%, 96%
XYZ	35.9772, 16.8383, 86.9419
YIQ	88.9900, 27.7190, 108.9270

Conversions

Conversions Part 2

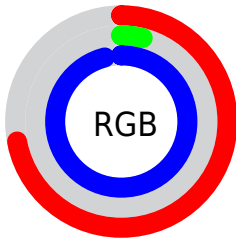
Format	Color
R _{YB}	183, 11, 244
Decimal	11996148
CIE Lab	48.06, 85.59, -75.11
CIE LCh	48, 113.867, 318.731
Yxy	16.8383, 0.2574, 0.1205
Android (android.graphics.Color)	4290186228 (0xFFB70BF4)
YUV	88.9900, 76.4199, 82.4468
Hunter-Lab	41.0345, 84.6907, -96.8967

Details

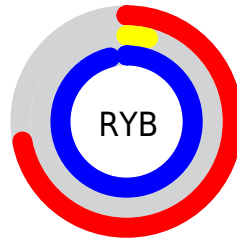
The Hex color **B70BF4** is a dark color, and the websafe version is hex **CC00FF**. The color can be described as middle saturated purple. A complement of this color would be **48F40B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **F45EFF**, and **7B00BA** is the 20% darker color. If you saturate the color by 10%, you get **B400F4**, and if you desaturate by 10%, it is **BD23F4**.

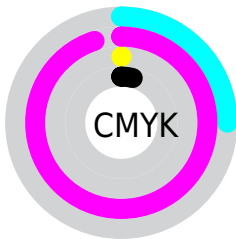
Distribution



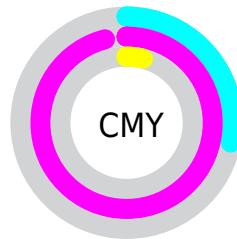
- Red (72%)
- Green (4%)
- Blue (96%)



- Red (72%)
- Yellow (4%)
- Blue (96%)



- Cyan (25%)
- Magenta (95%)
- Yellow (0%)
- Black (4%)



- Cyan (28%)
- Magenta (96%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B70BF4 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 B70BF4 by changing the saturation by 10% instead.

 B70BF4

 B70BF4

FFFFFF

 9900D7

 F45EFF

 7B00BA

 FF7DFF

 5C009F

 FF9AFF

 3C0084

 FFB8FF

 1A0069

 FFD6FF

 000050

 FFF4FF

 000538

 000221

 000007

 B70BF4

 B70BF4

 B400F4

 BD23F4

 C43CF4

 CA54F4

 D16DF4

 D785F4

 DD9DF4

 E4B6F4

 EACEF4

 F0E7F4

Harmonies

Analogous

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



006CFF



B70BF4



FF009B

Triad

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



B70BF4



A96100



0095AE

Complementary

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



B70BF4



48F40B

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.



009249



B70BF4



508000

Square

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



B70BF4



E80000



008D00



0095FF

Rectangle

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



B70BF4



FF005C



008D00



00948D

Sweetspot

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



B70BF4



ECB5FF



0B49F4



745380



000000



808080

Same Dimension

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



B70BF4



BC00FF



F40BBE



776E7A



8900BA



2B003B

Inverse Universe

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



F40B48



FF0043



0BF441



7A6E71



BA0031



3B000F

Previews

White Background



This preview shows how the Hex color B70BF4 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 × Fail

Black 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

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

Hex B70BF4 Background



This preview shows how black text looks on a background with the Hex color B70BF4.

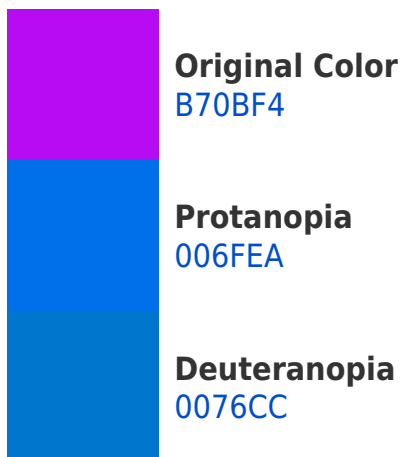


This preview shows how white text looks on a background with the Hex color B70BF4.

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
A16067

Trichromacy



Original Color
B70BF4



Protanomaly
434BEE



Deuteranomaly
434FDB



Tritanomaly
A9419A

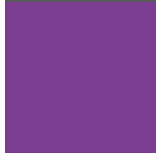
Monochromacy



Original Color
B70BF4



Achromatopsia
595959



Achromatomaly
7B3D91

CSS Examples

Text

The CSS property to change the color of the text to Hex B70BF4 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 #B70BF4 looks like.

```
.text, #text, p{  
    color:#B70BF4  
}
```

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 #B70BF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B70BF4
}
```

Border

The CSS property to change the border of an element to Hex B70BF4 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
#B70BF4 }
```

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

```
.border{ border-color:#B70BF4 }
```

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

Here you see how a box with a 4 pixel #B70BF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B70BF4; -webkit-box-shadow:4px 4px  
4px 4px #B70BF4; box-shadow:4px 4px 4px  
4px #B70BF4 }
```

Background

The CSS property to change the background color of an element to Hex B70BF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B70BF4 }
```

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

```
.background{ background-color:#B70BF4 }
```

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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