

Converting Colors

Hex(B70FE8)

Have a look what the booklet for
Hex(B70FE8) contains.

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Color

Hex(B70FE8)

Conversions

Conversions Part 1

Format	Color
Hex	B70FE8
RGB	183, 15, 232
RGB Percent	72%, 6%, 91%
CMY	0.2824, 0.9412, 0.0902
CMYK	0.21, 0.94, 0.00, 0.09
HSL	286°, 88%, 48%
HSV	286°, 94%, 91%
XYZ	34.2648, 16.2351, 77.6717
YIQ	89.9700, 30.4710, 103.1030

Conversions

Conversions Part 2

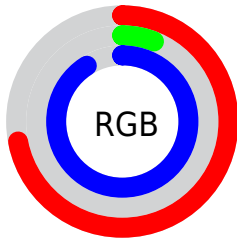
Format	Color
R_{YB}	183, 15, 232
Decimal	11997160
CIE _{Lab}	47.28, 83.09, -69.60
CIE _{LCh}	47, 108.387, 320.050
Yxy	16.2351, 0.2673, 0.1267
Android (android.graphics.Color)	4290187240 (0xFFB70FE8)
YUV	89.9700, 70.0208, 81.5873
Hunter-Lab	40.2928, 81.2827, -86.0871

Details

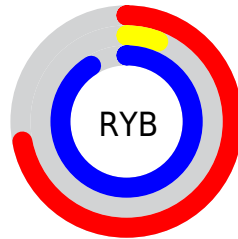
The Hex color **B70FE8** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **40E80F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **F45EFF**, and **7B00AF** is the 20% darker color. If you saturate the color by 10%, you get **B400E8**, and if you desaturate by 10%, it is **BC26E8**.

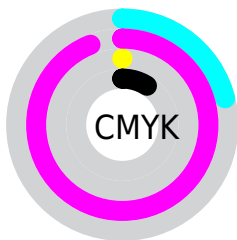
Distribution



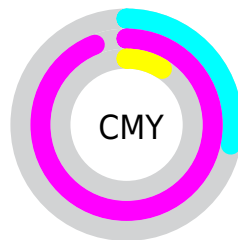
- Red (72%)
- Green (6%)
- Blue (91%)



- Red (72%)
- Yellow (6%)
- Blue (91%)



- Cyan (21%)
- Magenta (94%)
- Yellow (0%)
- Black (9%)



- Cyan (28%)
- Magenta (94%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B70FE8 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 B70FE8 by changing the saturation by 10% instead.

 B70FE8

 B70FE8

FFFFFF

 9900CB

 F45EF8

 7B00AF

 FF7CFF

 5E0094

 FF9AFF

 3F0079

 FFB8FF

 20005F

 FFD6FF

 000046

 FFF4FF

 00042F

 000119

 000000

 B70FE8

 B70FE8

 B400E8

 BC26E8

 C13DE8

 C755E8

 CC6CE8

 D183E8

 D69AE8

 DCB1E8

 E1C9E8

 E6E0E8

Harmonies

Analogous

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



0068FF



B70FE8



FA0093

Triad

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



B70FE8



A26200



0092AD

Complementary

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



B70FE8



40E80F

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.



008F4D



B70FE8



4C7E00

Square

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



B70FE8



DF1800



008A00



0091FE

Rectangle

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



B70FE8



FF0057



008A00



00918E

Sweetspot

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



B70FE8



EFB8FF



0F42E8



765480



000000



808080

Same Dimension

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



B70FE8



C500FF



E80FAE



706773



8A00B3



270033

Inverse Universe

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



E80F40



FF003A



0FE849



73676A



B30028



33000C

Previews

White Background



This preview shows how the Hex color B70FE8 looks on a white background.

Color Contrast Check

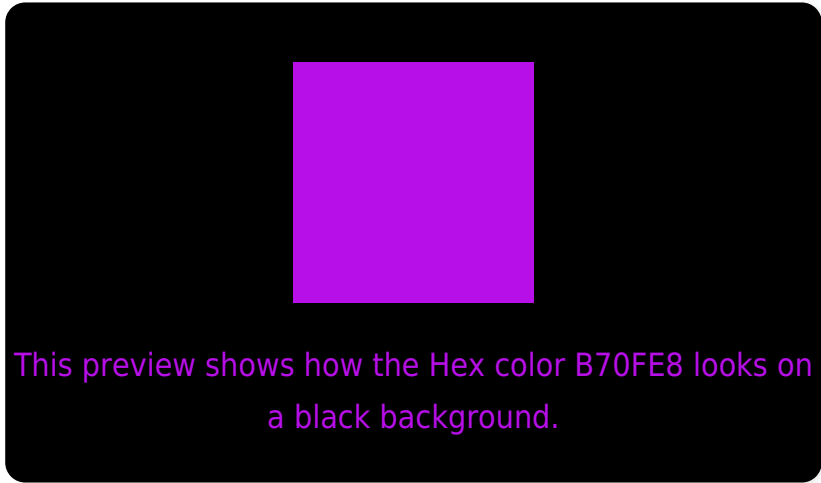
Large Text (above 18pt) WCAG AA ✓ Pass

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 B70FE8 Background



This preview shows how black text looks on a background with the Hex color B70FE8.



This preview shows how white text looks on a background with the Hex color B70FE8.

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
B70FE8

Protanopia
006DE6

Deuteranopia
0074CA



Tritanopia
A35B62

Trichromacy



Original Color
B70FE8



Protanomaly
434BE7



Deuteranomaly
434FD5



Tritanomaly
AA3F93

Monochromacy



Original Color
B70FE8



Achromatopsia
5A5A5A



Achromatomaly
7C3F8E

CSS Examples

Text

The CSS property to change the color of the text to Hex B70FE8 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 #B70FE8 looks like.

```
.text, #text, p{  
    color:#B70FE8  
}
```

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 #B70FE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B70FE8
}
```

Border

The CSS property to change the border of an element to Hex B70FE8 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
#B70FE8 }
```

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

```
.border{ border-color:#B70FE8 }
```

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

Here you see how a box with a 4 pixel #B70FE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B70FE8; -webkit-box-shadow:4px 4px  
4px 4px #B70FE8; box-shadow:4px 4px 4px  
4px #B70FE8 }
```

Background

The CSS property to change the background color of an element to Hex B70FE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B70FE8 }
```

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

```
.background{ background-color:#B70FE8 }
```

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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