

Converting Colors

Hex(B700E6)

Have a look what the booklet for
Hex(B700E6) contains.

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Color

Hex(B700E6)

Conversions

Conversions Part 1

Format	Color
Hex	B700E6
RGB	183, 0, 230
RGB Percent	72%, 0%, 90%
CMY	0.2824, 1.0000, 0.0980
CMYK	0.20, 1.00, 0.00, 0.10
HSL	288°, 100%, 45%
HSV	288°, 100%, 90%
XYZ	33.8114, 15.7805, 76.1268
YIQ	80.9370, 35.2380, 110.3260

Conversions

Conversions Part 2

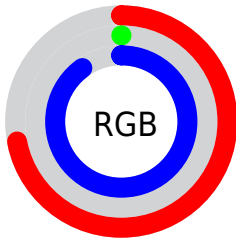
Format	Color
RYB	183, 0, 230
Decimal	11993318
CIELab	46.69, 84.08, -69.43
CIELCh	47, 109.046, 320.452
Yxy	15.7805, 0.2689, 0.1255
Android (android.graphics.Color)	4290183398 (0xFFB700E6)
YUV	80.9370, 73.4881, 89.5093
Hunter-Lab	39.7246, 82.4111, -85.8139

Details

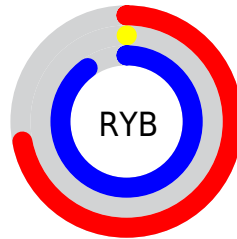
The Hex color **B700E6** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **2FE600**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **F45BFF**, and **7B00AD** is the 20% darker color. If you saturate the color by 10%, you get **B700E6**, and if you desaturate by 10%, it is **BC17E6**.

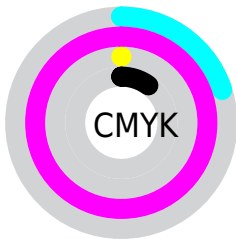
Distribution



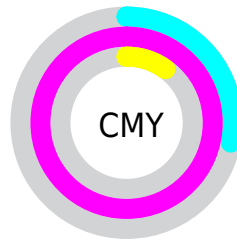
- Red (72%)
- Green (0%)
- Blue (90%)



- Red (72%)
- Yellow (0%)
- Blue (90%)



- Cyan (20%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)



- Cyan (28%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color B700E6 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 B700E6 by changing the saturation by 10% instead.

 B700E6

 B700E6

FFFFFF

 9900C9

 F45BFF

 7B00AD

 FF79FF

 5E0092

 FF97FF

 3F0077

 FFB5FF


 20005D

 FFD3FF

 000045

 FFF1FF

 00032D

 000118

 000000

 B700E6

 BC17E6

 C02EE6

 C545E6

 CA5CE6

 CF73E6

 D38AE6

 D8A1E6

 DDB8E6

 E1CFE6

Harmonies

Analogous

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



0066FF



B700E6



F90090

Triad

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



B700E6



9F6100



0090AD

Complementary

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



B700E6



2FE600

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.



008D4D



B700E6



487D00

Square

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



B700E6



DD1500



008900



008FFE

Rectangle

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



B700E6



FF0054



008900



008F8E

Sweetspot

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



B700E6



EFB3FF



0032E6



765280



000000



808080

Same Dimension

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



B700E6



CB00FF



E600A5



706773



8E00B3



290033

Inverse Universe

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



E6002F



FF0034



00E641



73676A



B30024



33000A

Previews

White Background



This preview shows how the Hex color B700E6 looks on a white background.

Color Contrast Check

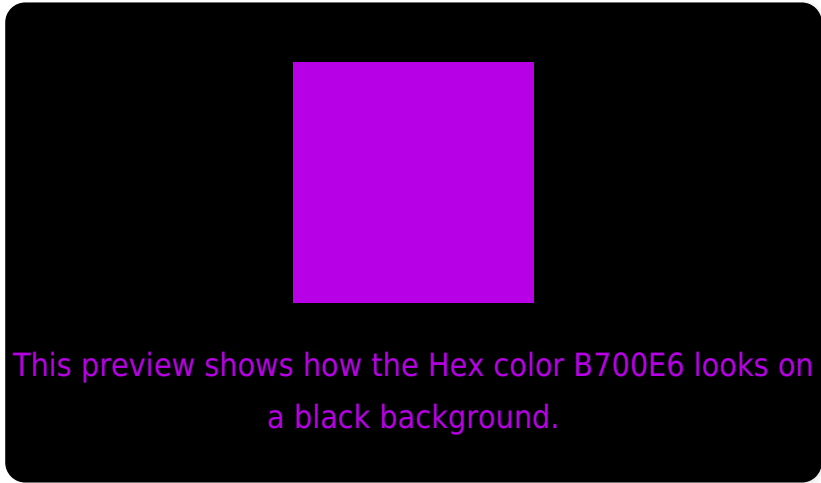
Large Text (above 18pt) WCAG AA ✓ Pass

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

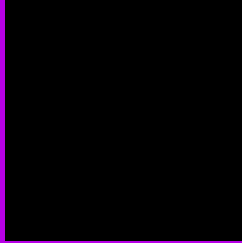
Any Text WCAG AA × Fail

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 B700E6 Background



This preview shows how black text looks on a background with the Hex color B700E6.

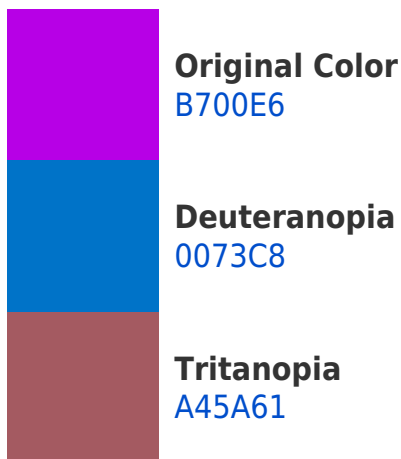


This preview shows how white text looks on a background with the Hex color B700E6.

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



Trichromacy



Original Color
B700E6



Deuteranomaly
4349D3

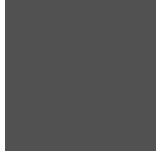


Tritanomaly
AB3991

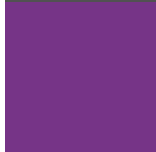
Monochromacy



Original Color
B700E6



Achromatopsia
515151



Achromatomaly
763487

CSS Examples

Text

The CSS property to change the color of the text to Hex B700E6 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 #B700E6 looks like.

```
.text, #text, p{  
    color:#B700E6  
}
```

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 #B700E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B700E6  
}
```

Border

The CSS property to change the border of an element to Hex B700E6 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  
#B700E6 }
```

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

```
.border{ border-color:#B700E6 }
```

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

Here you see how a box with a 4 pixel #B700E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B700E6; -webkit-box-shadow:4px 4px  
4px 4px #B700E6; box-shadow:4px 4px 4px  
4px #B700E6 }
```

Background

The CSS property to change the background color of an element to Hex B700E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B700E6 }
```

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

```
.background{ background-color:#B700E6 }
```

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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