

Converting Colors

Hex(B400E8)

Have a look what the booklet for
Hex(B400E8) contains.

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Color

Hex(B400E8)

Conversions

Conversions Part 1

Format	Color
Hex	B400E8
RGB	180, 0, 232
RGB Percent	71%, 0%, 91%
CMY	0.2941, 1.0000, 0.0902
CMYK	0.22, 1.00, 0.00, 0.09
HSL	287°, 100%, 45%
HSV	287°, 100%, 91%
XYZ	33.3879, 15.5295, 77.5817
YIQ	80.2680, 32.8080, 110.3120

Conversions

Conversions Part 2

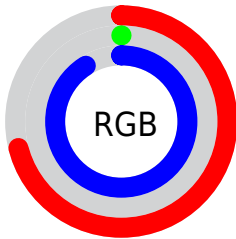
Format	Color
RYB	180, 0, 232
Decimal	11796712
CIELab	46.35, 84.04, -71.13
CIELCh	46, 110.101, 319.755
Yxy	15.5295, 0.2639, 0.1228
Android (android.graphics.Color)	4289986792 (0xFFB400E8)
YUV	80.2680, 74.8039, 87.4650
Hunter-Lab	39.4075, 82.2706, -89.1393

Details

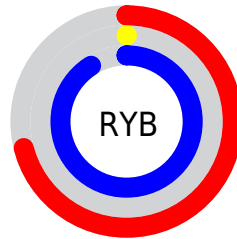
The Hex color **B400E8** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **34E800**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **F15AFF**, and **7800AF** is the 20% darker color. If you saturate the color by 10%, you get **B400E8**, and if you desaturate by 10%, it is **B917E8**.

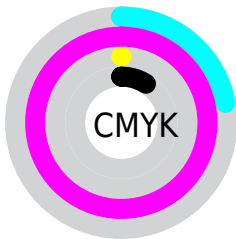
Distribution



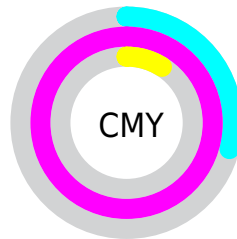
- Red (71%)
- Green (0%)
- Blue (91%)



- Red (71%)
- Yellow (0%)
- Blue (91%)



- Cyan (22%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B400E8 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 B400E8 by changing the saturation by 10% instead.

 B400E8

 B400E8

FFFFFF

 9600CB

 F15AFF

 7800AF

 FF79FF

 5A0094

 FF96FF

 3B0079

 FFB4FF

 1A005F

 FFD2FF

 000046

 FFF0FF

 00042F

 000119

 000000

 B400E8

 B917E8

 BE2EE8

 C446E8

 C95DE8

 CE74E8

 D38BE8

 D8A2E8

 DEBAE8

 E3D1E8

Harmonies

Analogous

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



0066FF



B400E8



F90092

Triad

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



B400E8



A05F00



008FAB

Complementary

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



B400E8



34E800

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.



008D4A



B400E8



497C00

Square

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



B400E8



DE0700



008800



008FFD

Rectangle

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



B400E8



FF0056



008800



008E8B

Sweetspot

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



B400E8



EEB3FF



0036E8



755280



000000



808080

Same Dimension

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



B400E8



C600FF



E800AA



706773



8A00B3



280033

Inverse Universe

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



E80034



FF0039



00E83E



73676A



B30028



33000B

Previews

White Background



This preview shows how the Hex color B400E8 looks on a white background.

Color Contrast Check

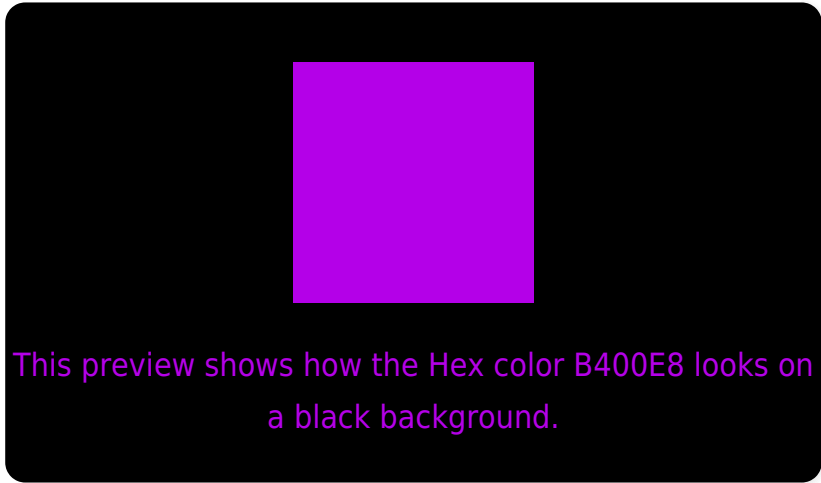
Large Text (above 18pt) WCAG AA ✓ Pass

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

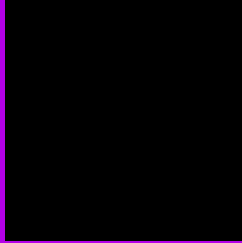
Any Text WCAG AA × Fail

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 B400E8 Background



This preview shows how black text looks on a background with the Hex color B400E8.

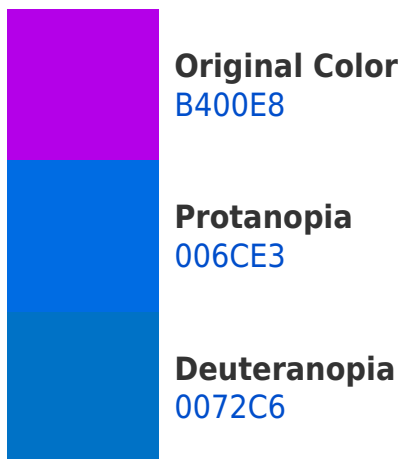


This preview shows how white text looks on a background with the Hex color B400E8.

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](#).

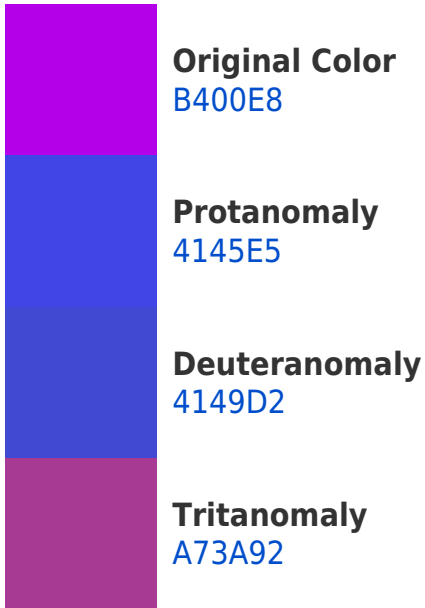
Dichromacy



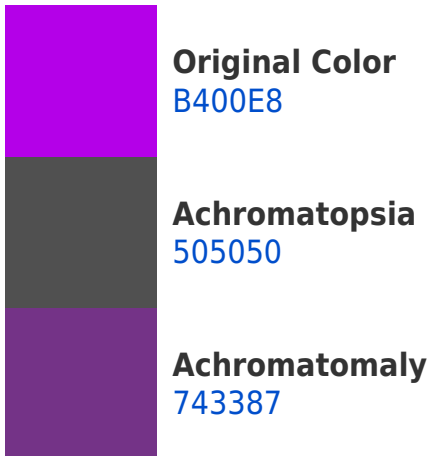


Tritanopia
A05B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B400E8 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 #B400E8 looks like.

```
.text, #text, p{  
    color:#B400E8  
}
```

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 #B400E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B400E8
}
```

Border

The CSS property to change the border of an element to Hex B400E8 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".

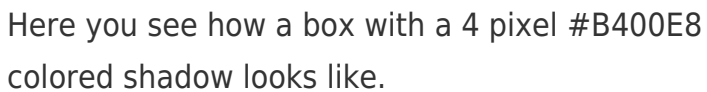
```
.border, #border, table{ border:4px solid
#B400E8 }
```

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

```
.border{ border-color:#B400E8 }
```

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

Here you see how a box with a 4 pixel #B400E8 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B400E8; -webkit-box-shadow:4px 4px  
4px 4px #B400E8; box-shadow:4px 4px 4px  
4px #B400E8 }
```

Background

The CSS property to change the background color of an element to Hex B400E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B400E8 }
```

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

```
.background{ background-color:#B400E8 }
```

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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