

Converting Colors

Hex(B416E8)

Have a look what the booklet for
Hex(B416E8) contains.

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Color

Hex(B416E8)

Conversions

Conversions Part 1

Format	Color
Hex	B416E8
RGB	180, 22, 232
RGB Percent	71%, 9%, 91%
CMY	0.2941, 0.9137, 0.0902
CMYK	0.22, 0.91, 0.00, 0.09
HSL	285°, 83%, 50%
HSV	285°, 91%, 91%
XYZ	33.6748, 16.1033, 77.6773
YIQ	93.1820, 26.7580, 98.8060

Conversions

Conversions Part 2

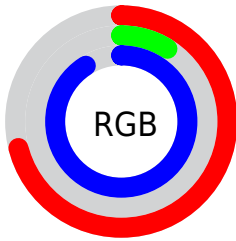
Format	Color
RYB	180, 22, 232
Decimal	11802344
CIELab	47.11, 81.78, -69.90
CIELCh	47, 107.578, 319.478
Yxy	16.1033, 0.2642, 0.1263
Android (android.graphics.Color)	4289992424 (0xFFB416E8)
YUV	93.1820, 68.4373, 76.1394
Hunter-Lab	40.1289, 79.5653, -86.6770

Details

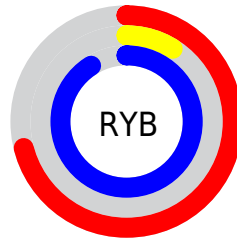
The Hex color **B416E8** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **4AE816**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **F160FF**, and **7900AF** is the 20% darker color. If you saturate the color by 10%, you get **AF00E8**, and if you desaturate by 10%, it is **BA2DE8**.

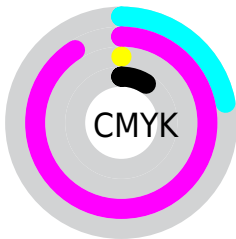
Distribution



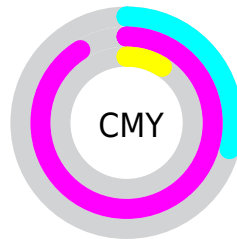
- Red (71%)
- Green (9%)
- Blue (91%)



- Red (71%)
- Yellow (9%)
- Blue (91%)



- Cyan (22%)
- Magenta (91%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (91%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B416E8 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 B416E8 by changing the saturation by 10% instead.

 B416E8

 B416E8

FFFFFF

 9600CB

 F160FF

 7900AF

 FF7EFF

 5B0094

 FF9BFF

 3C0079

 FFB9FF

 1C005F

 FFD7FF

 000046

 FFF5FF

 00042F

 000119

 000000

 B416E8

 B416E8

 AF00E8

 BA2DE8

 BF44E8

 C55CE8

 CB73E8

 D18AE8

 D6A1E8

 DCB8E8

 E2D0E8

 E8E7E8

Harmonies

Analogous

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



0068FF



B416E8



F80094

Triad

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



B416E8



A36100



0091AB

Complementary

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



B416E8



4AE816

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.



008E4B



B416E8



4E7D00

Square

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



B416E8



DF1500



008900



0090FB

Rectangle

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



B416E8



FF0059



008900



00908C

Sweetspot

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



B416E8



EEBAFF



164AE8



755780



000000



808080

Same Dimension

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



B416E8



C000FF



E816B3



706773



8600B3



260033

Inverse Universe

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



E8164A



FF003F



16E84A



73676A



B3002C



33000D

Previews

White Background



This preview shows how the Hex color B416E8 looks on a white background.

Color Contrast Check

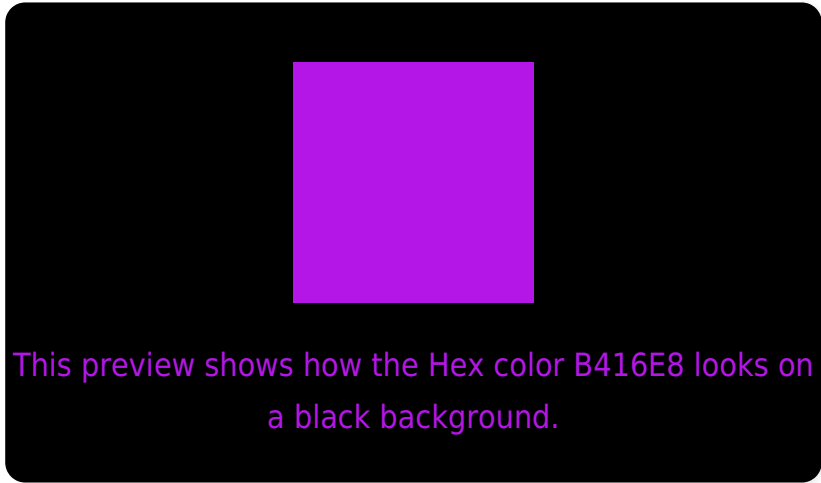
Large Text (above 18pt) WCAG AA ✓ Pass

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

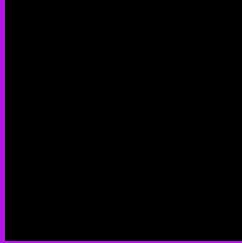
Any Text WCAG AA × Fail

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 B416E8 Background



This preview shows how black text looks on a background with the Hex color B416E8.

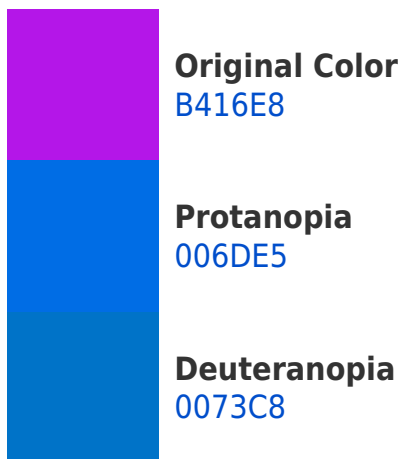



This preview shows how white text looks on a background with the Hex color B416E8.

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](#).

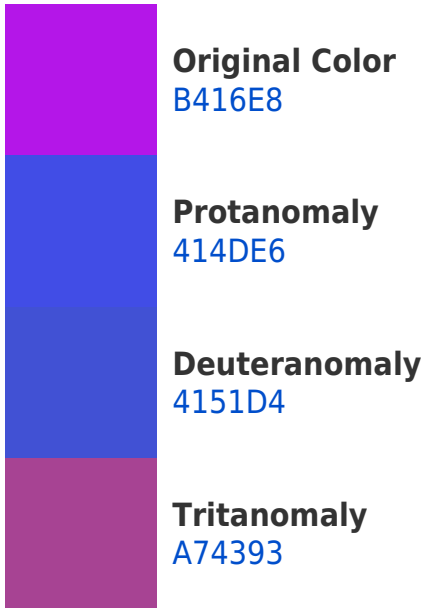
Dichromacy



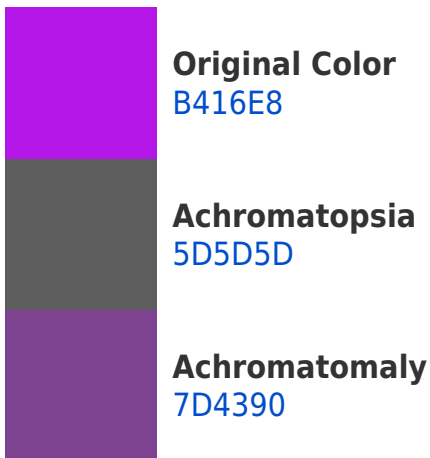


Tritanopia
A05C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B416E8 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 #B416E8 looks like.

```
.text, #text, p{  
    color:#B416E8  
}
```

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 #B416E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B416E8
}
```

Border

The CSS property to change the border of an element to Hex B416E8 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".

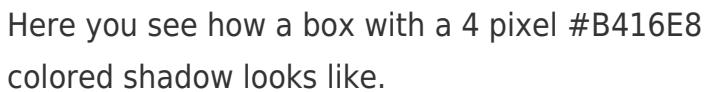
```
.border, #border, table{ border:4px solid
#B416E8 }
```

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

```
.border{ border-color:#B416E8 }
```

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

Here you see how a box with a 4 pixel #B416E8 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, 4px blur, 4px spread, and #B416E8 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B416E8; -webkit-box-shadow:4px 4px  
4px 4px #B416E8; box-shadow:4px 4px 4px  
4px #B416E8 }
```

Background

The CSS property to change the background color of an element to Hex B416E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B416E8 }
```

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

```
.background{ background-color:#B416E8 }
```

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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