

Converting Colors

Hex(B46EE2)

Have a look what the booklet for
Hex(B46EE2) contains.

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Color

Hex(**B46EE2**)

Conversions

Conversions Part 1

Format	Color
Hex	B46EE2
RGB	180, 110, 226
RGB Percent	71%, 43%, 89%
CMY	0.2941, 0.5686, 0.1137
CMYK	0.20, 0.51, 0.00, 0.11
HSL	276°, 67%, 66%
HSV	276°, 51%, 89%
XYZ	38.1258, 26.3461, 75.0274
YIQ	144.1540, 4.4840, 50.9160

Conversions

Conversions Part 2

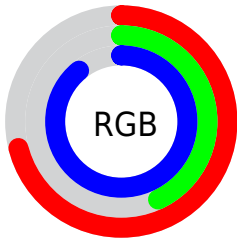
Format	Color
RYB	180, 110, 226
Decimal	11824866
CIELab	58.36, 48.21, -48.44
CIELCh	58, 68.342, 314.867
Yxy	26.3461, 0.2733, 0.1889
Android (android.graphics.Color)	4290014946 (0xFFB46EE2)
YUV	144.1540, 40.3501, 31.4369
Hunter-Lab	51.3285, 42.7614, -50.7348

Details

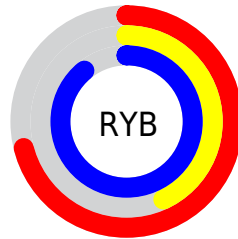
The Hex color **B46EE2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9CE26E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **EEA4FF**, and **7C3BAA** is the 20% darker color. If you saturate the color by 10%, you get **AB57E2**, and if you desaturate by 10%, it is **BD85E2**.

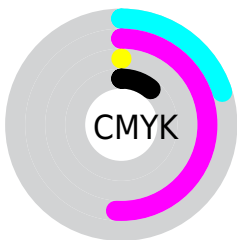
Distribution



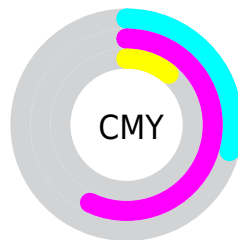
- Red (71%)
- Green (43%)
- Blue (89%)



- Red (71%)
- Yellow (43%)
- Blue (89%)



- Cyan (20%)
- Magenta (51%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (57%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B46EE2 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 B46EE2 by changing the saturation by 10% instead.

 B46EE2

 B46EE2

FFFFFF

 9854C6

 EEA4FF

 7C3BAA

 FFBFFF

 61208F

 FFDCCF

 460075

 FFF9FF

 2B005C

 130044

 00032C

 000116

 000000

 B46EE2

 B46EE2

 AB57E2

 BD85E2

 A241E2

 C69BE2

 992AE2

 CFB2E2

 9014E2

 D8C8E2

 8800E2

 E1DFE2

 EAF6E2

 F3FFE2

 FCFFE2

 FFFFE2

Harmonies

Analogous

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



3F89FF



B46EE2



E853AD

Triad

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



B46EE2



C17E00



00A8A9

Complementary

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



B46EE2



9CE26E

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.



00A66B



B46EE2



8C9300

Square

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



B46EE2



E76439



449F2E



00A5E0

Rectangle

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



B46EE2



F54C85



449F2E



00A895

Sweetspot

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



B46EE2



F0D9FF



6E9CE2



766980



000000



808080

Same Dimension

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



B46EE2



C061FF



E26ED6



6C6570



6A00B0



1D0030

Inverse Universe

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



E26E9C



FF61A0



6EE27A



706569



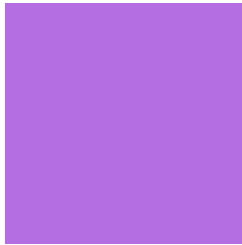
B00046



300013

Previews

White Background



This preview shows how the Hex color B46EE2 looks on a white background.

Color Contrast Check

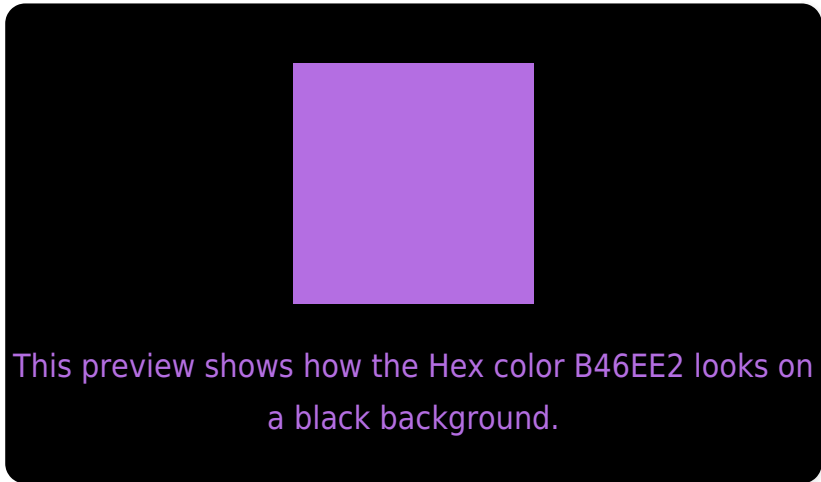
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

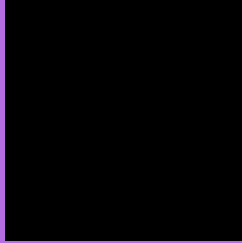
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex B46EE2 Background



This preview shows how black text looks on a background with the Hex color B46EE2.

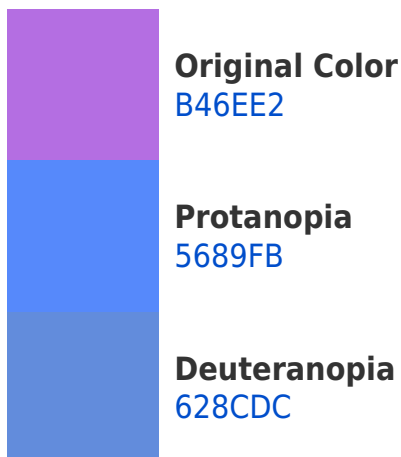



This preview shows how white text looks on a background with the Hex color B46EE2.

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](#).

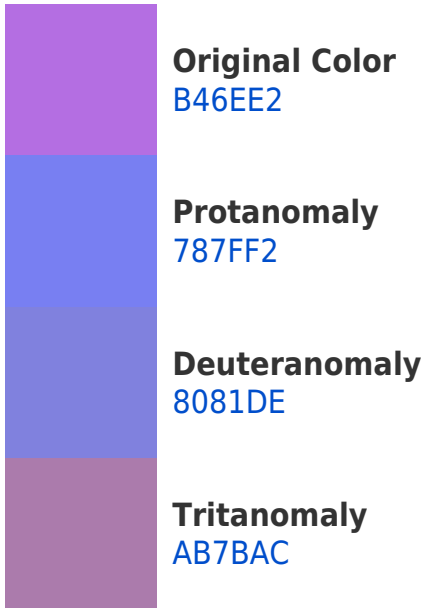
Dichromacy



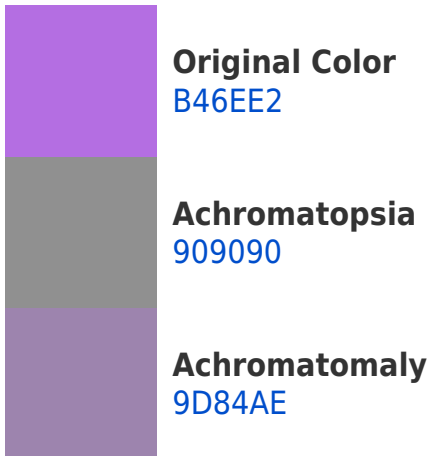


Tritanopia
A6838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B46EE2 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 #B46EE2 looks like.

```
.text, #text, p{  
    color:#B46EE2  
}
```

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 #B46EE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B46EE2
}
```

Border

The CSS property to change the border of an element to Hex B46EE2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

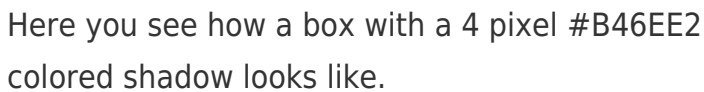
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B46EE2 }
```

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

```
.border{ border-color:#B46EE2 }
```

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



Here you see how a box with a 4 pixel #B46EE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B46EE2; -webkit-box-shadow:4px 4px  
4px 4px #B46EE2; box-shadow:4px 4px 4px  
4px #B46EE2 }
```

Background

The CSS property to change the background color of an element to Hex B46EE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B46EE2 }
```

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

```
.background{ background-color:#B46EE2 }
```

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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