

Converting Colors

Hex(B26EE7)

Have a look what the booklet for
Hex(B26EE7) contains.

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Color

Hex(**B26EE7**)

Conversions

Conversions Part 1

Format	Color
Hex	B26EE7
RGB	178, 110, 231
RGB Percent	70%, 43%, 91%
CMY	0.3020, 0.5686, 0.0941
CMYK	0.23, 0.52, 0.00, 0.09
HSL	274°, 72%, 67%
HSV	274°, 52%, 91%
XYZ	38.3598, 26.3864, 78.6726
YIQ	144.1260, 1.6870, 52.0470

Conversions

Conversions Part 2

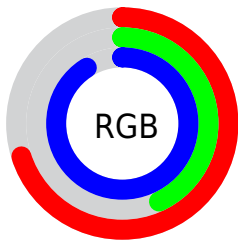
Format	Color
R _Y B	178, 110, 231
Decimal	11693799
CIE _{Lab}	58.40, 48.80, -51.19
CIE _{LCh}	58, 70.724, 313.634
Y _{xy}	26.3864, 0.2675, 0.1840
Android (android.graphics.Color)	4289883879 (0xFFB26EE7)
YUV	144.1260, 42.8289, 29.7075
Hunter-Lab	51.3677, 43.4051, -54.8488

Details

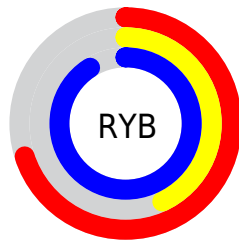
The Hex color **B26EE7** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A3E76E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **ECA4FF**, and **7A3BAF** is the 20% darker color. If you saturate the color by 10%, you get **A857E7**, and if you desaturate by 10%, it is **BC85E7**.

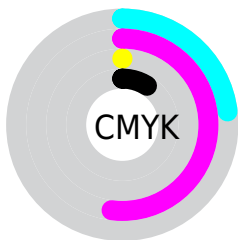
Distribution



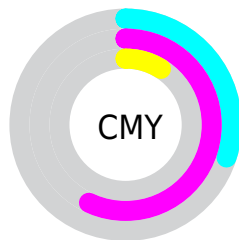
- Red (70%)
- Green (43%)
- Blue (91%)



- Red (70%)
- Yellow (43%)
- Blue (91%)



- Cyan (23%)
- Magenta (52%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (57%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B26EE7 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 B26EE7 by changing the saturation by 10% instead.

 B26EE7

 B26EE7

FFFFFF

 9654CB

 ECA4FF

 7A3BAF

 FFBFFF

 5F2194

 FFDCFF

 440079

 FFF9FF

 270060

 0C0047

 000430

 00011A

 000000

 B26EE7

 B26EE7

 A857E7

 BC85E7

 9E40E7

 C69CE7

 9429E7

 D0B3E7

 8A12E7

 DACAE7

 8200E7

 E5E2E7

 EFF9E7

 F9FFE7

 FFFFE7

Harmonies

Analogous

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



288AFF



B26EE7



EA50B1

Triad

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



B26EE7



C47D00



00A9A8

Complementary

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



B26EE7



A3E76E

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.



00A667



B26EE7



8E9200

Square

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



B26EE7



EB6138



44A027



00A6E1

Rectangle

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



B26EE7



F84888



44A027



00A892

Sweetspot

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



B26EE7



EDD6FF



6EA4E7



756780



000000



808080

Same Dimension

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



B26EE7



B95EFF



E76EE1



6E6773



6400B3



1D0033

Inverse Universe

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



E76EA3



FF5EA5



6EE774



73676C



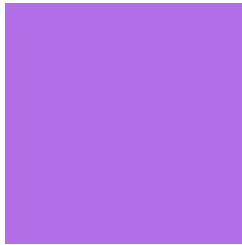
B3004E



330016

Previews

White Background



This preview shows how the Hex color B26EE7 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

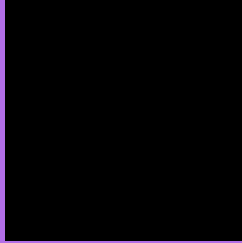
Any Text WCAG AA ✓ Pass

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 B26EE7 Background



This preview shows how black text looks on a background with the Hex color B26EE7.

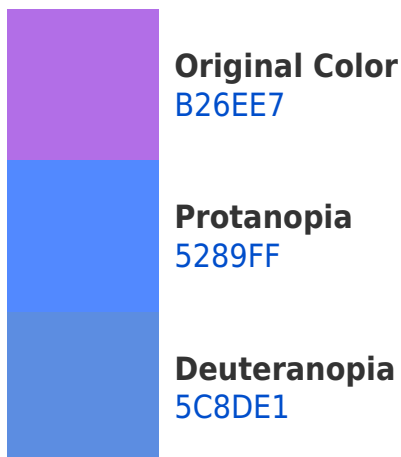


This preview shows how white text looks on a background with the Hex color B26EE7.

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](#).

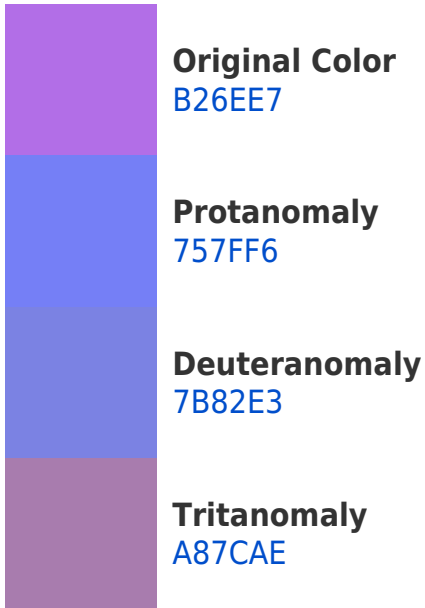
Dichromacy



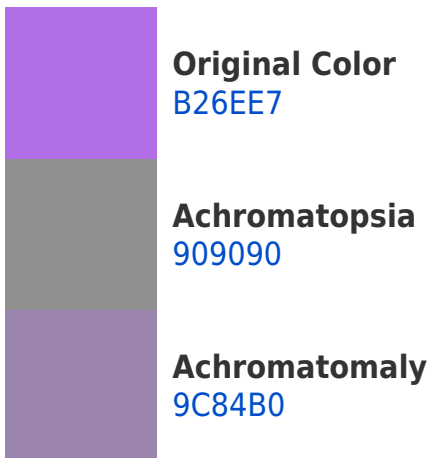


Tritanopia
A3848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B26EE7 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 #B26EE7 looks like.

```
.text, #text, p{  
    color:#B26EE7  
}
```

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 #B26EE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B26EE7
}
```

Border

The CSS property to change the border of an element to Hex B26EE7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

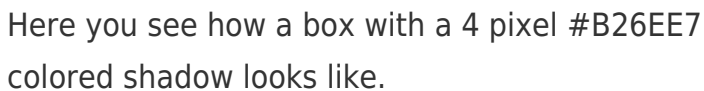
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B26EE7 }
```

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

```
.border{ border-color:#B26EE7 }
```

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



Here you see how a box with a 4 pixel #B26EE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B26EE7; -webkit-box-shadow:4px 4px  
4px 4px #B26EE7; box-shadow:4px 4px 4px  
4px #B26EE7 }
```

Background

The CSS property to change the background color of an element to Hex B26EE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B26EE7 }
```

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

```
.background{ background-color:#B26EE7 }
```

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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