

Converting Colors

Hex(B26DE0)

Have a look what the booklet for
Hex(B26DE0) contains.

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Color

Hex(**B26DE0**)

Conversions

Conversions Part 1

Format	Color
Hex	B26DE0
RGB	178, 109, 224
RGB Percent	70%, 43%, 88%
CMY	0.3020, 0.5725, 0.1216
CMYK	0.21, 0.51, 0.00, 0.12
HSL	276°, 65%, 65%
HSV	276°, 51%, 88%
XYZ	37.2833, 25.7841, 73.5328
YIQ	142.7410, 4.2090, 50.3930

Conversions

Conversions Part 2

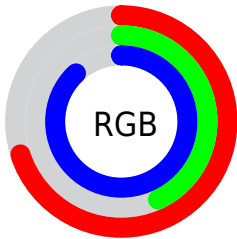
Format	Color
R _Y B	178, 109, 224
Decimal	11693536
CIE _{Lab}	57.83, 47.77, -48.17
CIE _{LCh}	58, 67.845, 314.760
Y _{xy}	25.7841, 0.2729, 0.1888
Android (android.graphics.Color)	4289883616 (0xFFB26DE0)
Y _{UV}	142.7410, 40.0607, 30.9221
Hunter-Lab	50.7780, 42.2004, -50.3146

Details

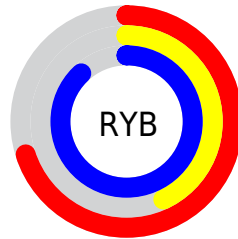
The Hex color **B26DE0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9BE06D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **ECA2FF**, and **7A3AA8** is the 20% darker color. If you saturate the color by 10%, you get **A957E0**, and if you desaturate by 10%, it is **BB83E0**.

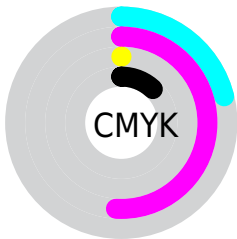
Distribution



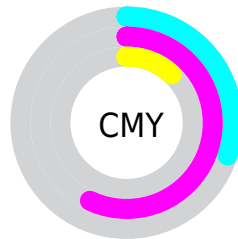
- Red (70%)
- Green (43%)
- Blue (88%)



- Red (70%)
- Yellow (43%)
- Blue (88%)



- Cyan (21%)
- Magenta (51%)
- Yellow (0%)
- Black (12%)



- Cyan (30%)
- Magenta (57%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color B26DE0 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 B26DE0 by changing the saturation by 10% instead.

 B26DE0

 B26DE0

FFFFFF

 9653C4

 ECA2FF

 7A3AA8

 FFBEFF

 5F208D

 FFDBFF

 450073

 FFF7FF

 29005A

 100042

 00032A

 000115

 000000

 B26DE0

 B26DE0

 A957E0

 BB83E0

 A040E0

 C49AE0

 972AE0

 CDB0E0

 8E13E0

 D6C7E0

 8600E0

 DFDDE0

 E8F3E0

 F1FFE0

 FAFEE0

 FFFFE0

Harmonies

Analogous

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



3D88FF



B26DE0



E652AC

Triad

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



B26DE0



BF7D00



00A6A8

Complementary

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



B26DE0



9BE06D

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.



00A46A



B26DE0



8B9100

Square

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



B26DE0



E56339



449E2E



00A4DE

Rectangle

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



B26DE0



F34B84



449E2E



00A693

Sweetspot

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



B26DE0



F0D9FF



6D9BE0



766980



000000



808080

Same Dimension

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



B26DE0



C061FF



E06DD5



6C6570



6A00B0



1D0030

Inverse Universe

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



E06D9B



FF61A0



6DE078



706569



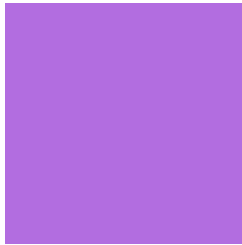
B00046



300013

Previews

White Background



This preview shows how the Hex color B26DE0 looks on a white background.

Color Contrast Check

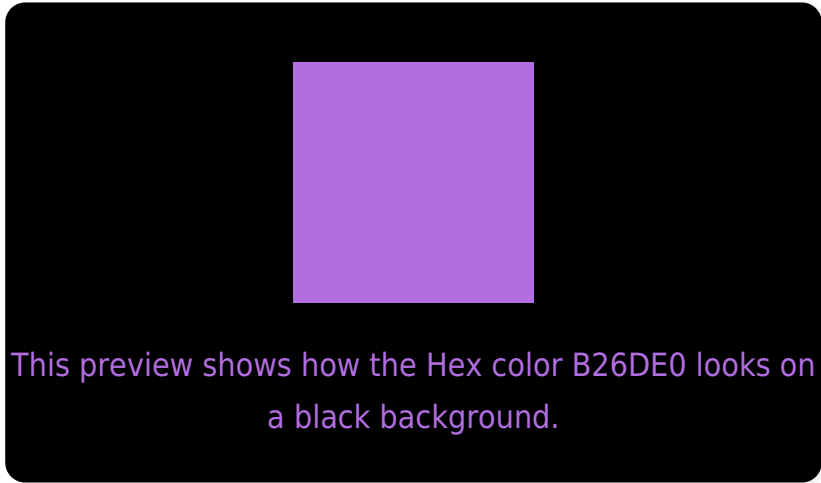
Large Text (above 18pt) WCAG AA ✓ Pass

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

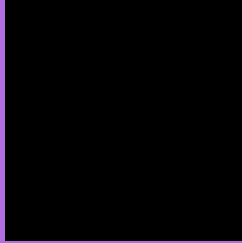
Any Text WCAG AA ✓ Pass

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 B26DE0 Background



This preview shows how black text looks on a background with the Hex color B26DE0.

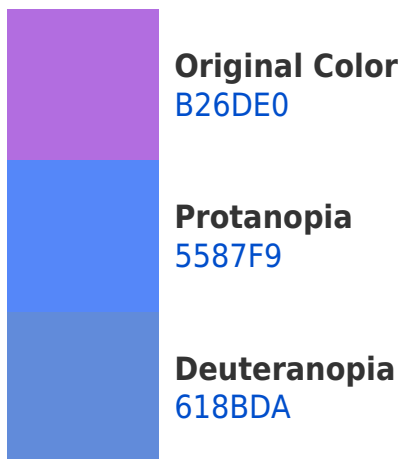



This preview shows how white text looks on a background with the Hex color B26DE0.

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](#).

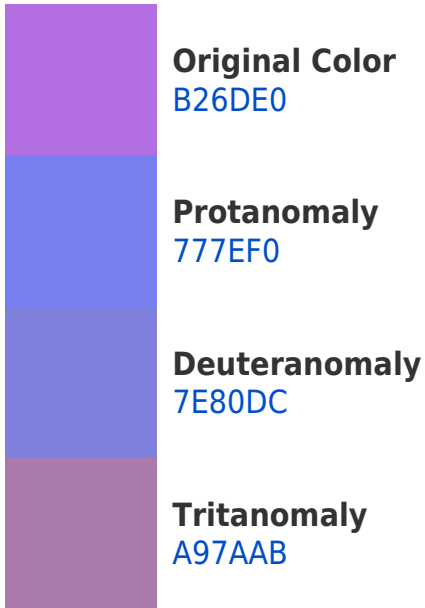
Dichromacy



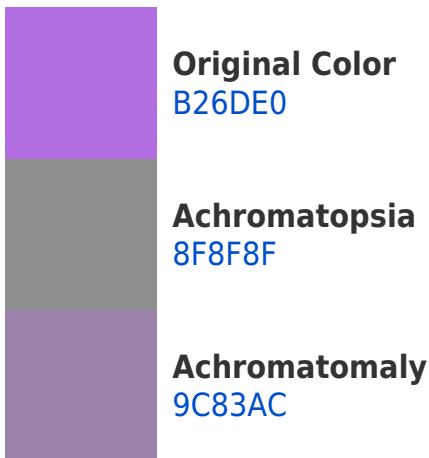


Tritanopia
A4828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B26DE0 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 #B26DE0 looks like.

```
.text, #text, p{  
    color:#B26DE0  
}
```

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 #B26DE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B26DE0
}
```

Border

The CSS property to change the border of an element to Hex B26DE0 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
#B26DE0 }
```

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

```
.border{ border-color:#B26DE0 }
```

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

Here you see how a box with a 4 pixel #B26DE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B26DE0; -webkit-box-shadow:4px 4px  
4px 4px #B26DE0; box-shadow:4px 4px 4px  
4px #B26DE0 }
```

Background

The CSS property to change the background color of an element to Hex B26DE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B26DE0 }
```

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

```
.background{ background-color:#B26DE0 }
```

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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