

Converting Colors

Hex(B26AC9)

Have a look what the booklet for
Hex(B26AC9) contains.

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Color

Hex(B26AC9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B26AC9 |
| RGB | 178, 106, 201 |
| RGB Percent | 70%, 42%, 79% |
| CMY | 0.3020, 0.5843, 0.2118 |
| CMYK | 0.11, 0.47, 0.00, 0.21 |
| HSL | 285°, 47%, 60% |
| HSV | 285°, 47%, 79% |
| XYZ | 34.0567, 23.9901, 58.0939 |
| YIQ | 138.3580, 12.4170, 44.8090 |

Conversions

Conversions Part 2

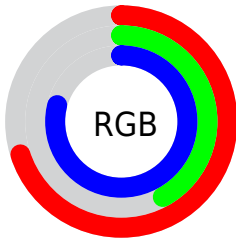
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 178, 106, 201 |
| Decimal | 11692745 |
| CIE Lab | 56.08, 44.45, -37.94 |
| CIE LCh | 56, 58.443, 319.519 |
| Yxy | 23.9901, 0.2932, 0.2066 |
| Android (android.graphics.Color) | 4289882825 (0xFFB26AC9) |
| YUV | 138.3580, 30.8825, 34.7660 |
| Hunter-Lab | 48.9797, 38.4009, -36.0370 |

Details

The Hex color **B26AC9** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **81C96A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **EB9FFF**, and **7B3792** is the 20% darker color. If you saturate the color by 10%, you get **AD56C9**, and if you desaturate by 10%, it is **B77EC9**.

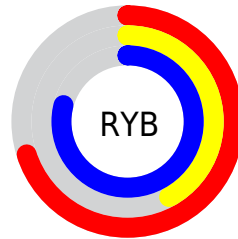
Distribution



Red (70%)

Green (42%)

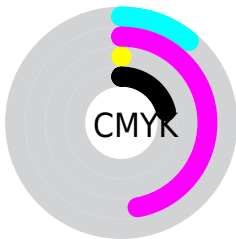
Blue (79%)



Red (70%)

Yellow (42%)

Blue (79%)

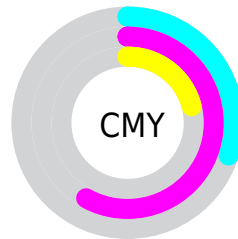


Cyan (11%)

Magenta (47%)

Yellow (0%)

Black (21%)



Cyan (30%)

Magenta (58%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color B26AC9 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 B26AC9 by changing the saturation by 10% instead.

 B26AC9

 B26AC9


FFFFFF

 9650AD

 EB9FFF

 7B3792

 FFBBFF

 611D78

 FFD7FF

 47005F

 FFF4FF

 2E0047

 160030

 00011A

 000000

 B26AC9

 B26AC9

 AD56C9

 B77EC9

 A842C9

 BC92C9

 A32EC9

 C1A6C9

 9F1AC9

 C5BAC9

 9A06C9

 CACFC9

 9800C9

 CFE3C9

 D4F7C9

 D9FFC9

 DEFFC9

Harmonies

Analogous

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



6480E7



B26AC9



D9579A

Triad

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



B26AC9



AF7E16



009EA7

Complementary

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



B26AC9



81C96A

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.



009D72



B26AC9



808E18

Square

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



B26AC9



D1693A



419840



009BD3

Rectangle

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



B26AC9



E25578



419840



009E96

Sweetspot

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



B26AC9



F6DBFF



6A82C9



7A6A80



000000



808080

Same Dimension

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



B26AC9



DC6EFF



C96AB1



615A63



7C00A3



1B0024

Inverse Universe

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



C96A81



FF6E91



6AC982



635A5C



A30028



240009

Previews

White Background



This preview shows how the Hex color B26AC9 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

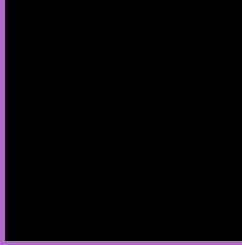
Any Text WCAG AA ✓ Pass

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 B26AC9 Background



This preview shows how black text looks on a background with the Hex color B26AC9.

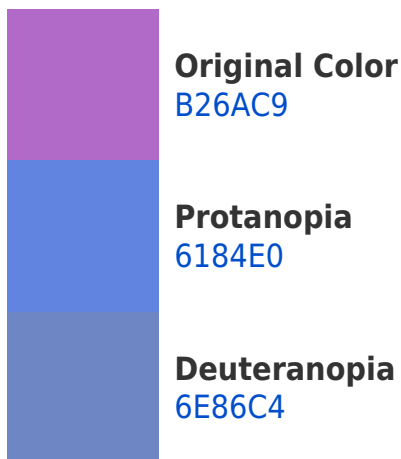


This preview shows how white text looks on a background with the Hex color B26AC9.

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
A87A84

Trichromacy



Original Color
B26AC9



Protanomaly
7E7BD8



Deuteranomaly
877CC6



Tritanomaly
AC749D

Monochromacy



Original Color
B26AC9



Achromatopsia
8A8A8A



Achromatomaly
997EA1

CSS Examples

Text

The CSS property to change the color of the text to Hex B26AC9 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 #B26AC9 looks like.

```
.text, #text, p{  
    color:#B26AC9  
}
```

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 #B26AC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B26AC9
}
```

Border

The CSS property to change the border of an element to Hex B26AC9 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
#B26AC9 }
```

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

```
.border{ border-color:#B26AC9 }
```

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

Here you see how a box with a 4 pixel #B26AC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B26AC9; -webkit-box-shadow:4px 4px  
4px 4px #B26AC9; box-shadow:4px 4px 4px  
4px #B26AC9 }
```

Background

The CSS property to change the background color of an element to Hex B26AC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B26AC9 }
```

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

```
.background{ background-color:#B26AC9 }
```

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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