

Converting Colors

Hex(B26AA2)

Have a look what the booklet for
Hex(B26AA2) contains.

Hex(B26AA2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B26AA2)

Conversions

Conversions Part 1

Format	Color
Hex	B26AA2
RGB	178, 106, 162
RGB Percent	70%, 42%, 64%
CMY	0.3020, 0.5843, 0.3647
CMYK	0.00, 0.40, 0.09, 0.30
HSL	313°, 32%, 56%
HSV	313°, 40%, 70%
XYZ	30.0357, 22.3817, 36.9195
YIQ	133.9120, 24.9360, 32.6800

Conversions

Conversions Part 2

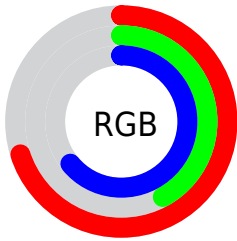
Format	Color
R _Y B	178, 106, 162
Decimal	11692706
CIE Lab	54.43, 36.99, -18.03
CIE LCh	54, 41.153, 334.011
Yxy	22.3817, 0.3362, 0.2505
Android (android.graphics.Color)	4289882786 (0xFFB26AA2)
YUV	133.9120, 13.8474, 38.6652
Hunter-Lab	47.3093, 30.5348, -13.1525

Details

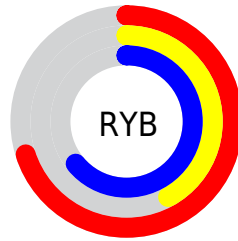
The Hex color **B26AA2** is a light color, and the websafe version is hex **996699**. A complement of this color would be **6AB27A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **EB9FD9**, and **7C386E** is the 20% darker color. If you saturate the color by 10%, you get **B2589E**, and if you desaturate by 10%, it is **B27CA6**.

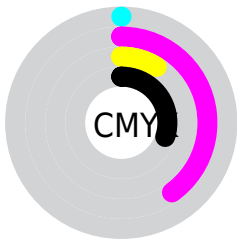
Distribution



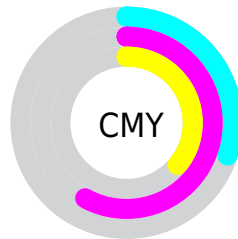
- Red (70%)
- Green (42%)
- Blue (64%)



- Red (70%)
- Yellow (42%)
- Blue (64%)



- Cyan (0%)
- Magenta (40%)
- Yellow (9%)
- Black (30%)



- Cyan (30%)
- Magenta (58%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B26AA2 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 B26AA2 by changing the saturation by 10% instead.

 B26AA2

 B26AA2

FFFFFF

 975188

 EB9FD9

 7C386E

 FFBAF5

 621F56

 FFD6FF

 48033E

 FFF3FF

 310028

 150013

 000000

 B26AA2

 B26AA2

 B2589E

 B27CA6

 B2469A

 B28EAA

 B23596

 B29FAE

 B22392

 B2B1B2

 B2118E

 B2C3B6

 B2008A

 B2D5BA

 B2E7BE

 B2F8C2

 B2FFC6

Harmonies

Analogous

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



8B77BD



B26AA2



C4647F

Triad

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



B26AA2



938239



0093A9

Complementary

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



B26AA2



6AB27A

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.



009486



B26AA2



6E8C45

Square

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



B26AA2



B07542



3E9262



008EC1

Rectangle

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



B26AA2



C56667



3E9262



00949E

Sweetspot

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



B26AA2



E8CCE2



7A6AB2



756572



F5F5F5



757575

Same Dimension

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



B26AA2



E876CF



B26A7E



595057



990077



1A0014

Inverse Universe

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



B26AA2



E876CF



6AB29E



595057



990077



1A0014

Previews

White Background



This preview shows how the Hex color B26AA2 looks on a white background.

Color Contrast Check

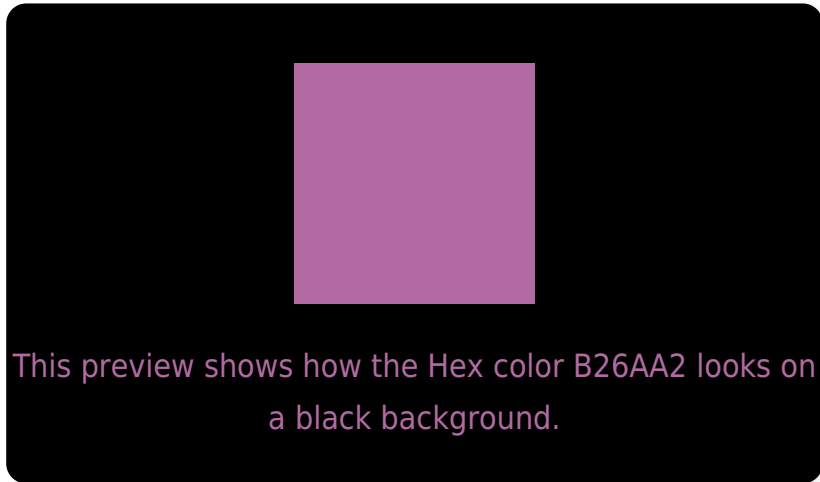
Large Text (above 18pt) WCAG AA ✓ Pass

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 B26AA2 Background



This preview shows how black text looks on a background with the Hex color B26AA2.

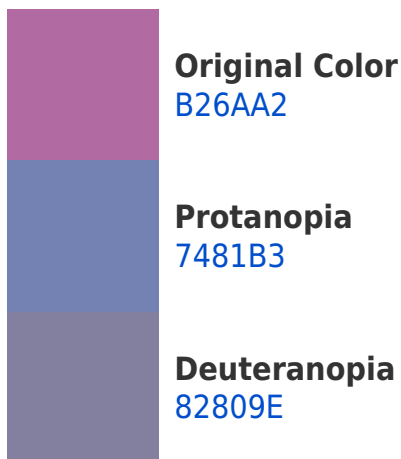


This preview shows how white text looks on a background with the Hex color B26AA2.

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](#).

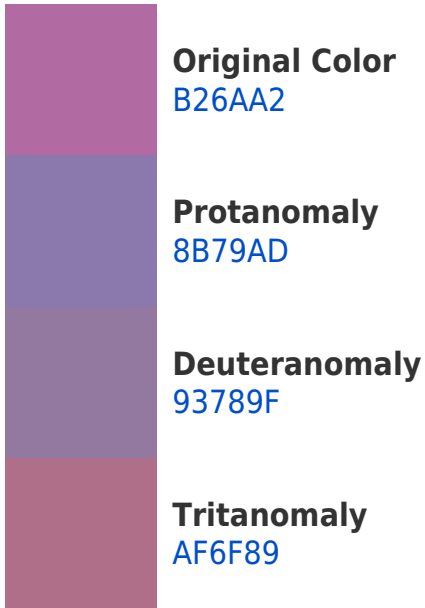
Dichromacy



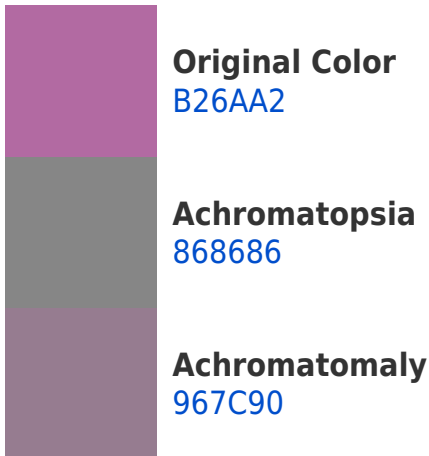


Tritanopia
AD727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B26AA2 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 #B26AA2 looks like.

```
.text, #text, p{  
    color:#B26AA2  
}
```

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 #B26AA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B26AA2
}
```

Border

The CSS property to change the border of an element to Hex B26AA2 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
#B26AA2 }
```

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

```
.border{ border-color:#B26AA2 }
```

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

Here you see how a box with a 4 pixel #B26AA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B26AA2; -webkit-box-shadow:4px 4px  
4px 4px #B26AA2; box-shadow:4px 4px 4px  
4px #B26AA2 }
```

Background

The CSS property to change the background color of an element to Hex B26AA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B26AA2 }
```

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

```
.background{ background-color:#B26AA2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor