

Converting Colors

Hex(B26AA7)

Have a look what the booklet for
Hex(B26AA7) contains.

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Color

Hex(B26AA7)

Conversions

Conversions Part 1

Format	Color
Hex	B26AA7
RGB	178, 106, 167
RGB Percent	70%, 42%, 65%
CMY	0.3020, 0.5843, 0.3451
CMYK	0.00, 0.40, 0.06, 0.30
HSL	309°, 32%, 56%
HSV	309°, 40%, 70%
XYZ	30.4892, 22.5631, 39.3074
YIQ	134.4820, 23.3310, 34.2350

Conversions

Conversions Part 2

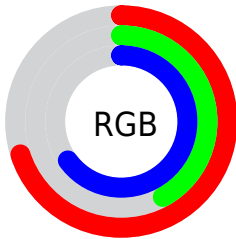
Format	Color
RYB	178, 106, 167
Decimal	11692711
CIELab	54.62, 37.88, -20.65
CIELCh	55, 43.142, 331.402
Yxy	22.5631, 0.3301, 0.2443
Android (android.graphics.Color)	4289882791 (0xFFB26AA7)
YUV	134.4820, 16.0314, 38.1653
Hunter-Lab	47.5006, 31.4477, -15.8128

Details

The Hex color **B26AA7** is a light color, and the websafe version is hex **996699**. A complement of this color would be **6AB275**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **EB9FDE**, and **7C3873** is the 20% darker color. If you saturate the color by 10%, you get **B258A4**, and if you desaturate by 10%, it is **B27CAA**.

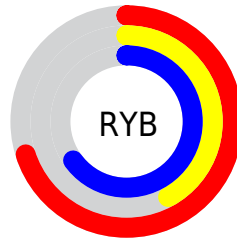
Distribution



Red (70%)

Green (42%)

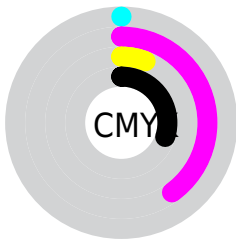
Blue (65%)



Red (70%)

Yellow (42%)

Blue (65%)

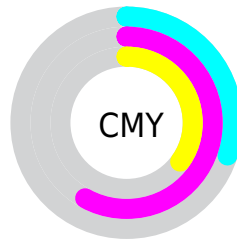


Cyan (0%)

Magenta (40%)

Yellow (6%)

Black (30%)



Cyan (30%)

Magenta (58%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B26AA7 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 B26AA7 by changing the saturation by 10% instead.

 B26AA7

 B26AA7

FFFFFF

 97518D

 EB9FDE

 7C3873

 FFBAFB

 621F5A

 FFD6FF

 480243

 FFF3FF

 31002C

 150017

 000000

 B26AA7

 B26AA7

 B258A4

 B27CAA

 B246A2

 B28EAC

 B2359F

 B29FAF

 B2239C

 B2B1B2

 B21199

 B2C3B5

 B20097

 B2D5B7

 B2E7BA

 B2F8BD

 B2FFBF

Harmonies

Analogous

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



8778C2



B26AA7



C76382

Triad

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



B26AA7



978135



0095A8

Complementary

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



B26AA7



6AB275

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.



009583



B26AA7



718C40

Square

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



B26AA7



B57441



3F935D



0090C4

Rectangle

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



B26AA7



C8646A



3F935D



00959D

Sweetspot

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



B26AA7



E8CCE4



756AB2



756573



F5F5F5



757575

Same Dimension

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



B26AA7



E876D7



B26A83



595058



990082



1A0016

Inverse Universe

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



B26AA7



E876D7



6AB299



595058



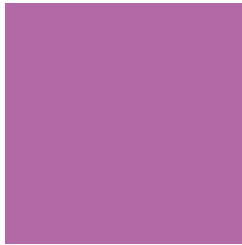
990082



1A0016

Previews

White Background



This preview shows how the Hex color B26AA7 looks on a white background.

Color Contrast Check

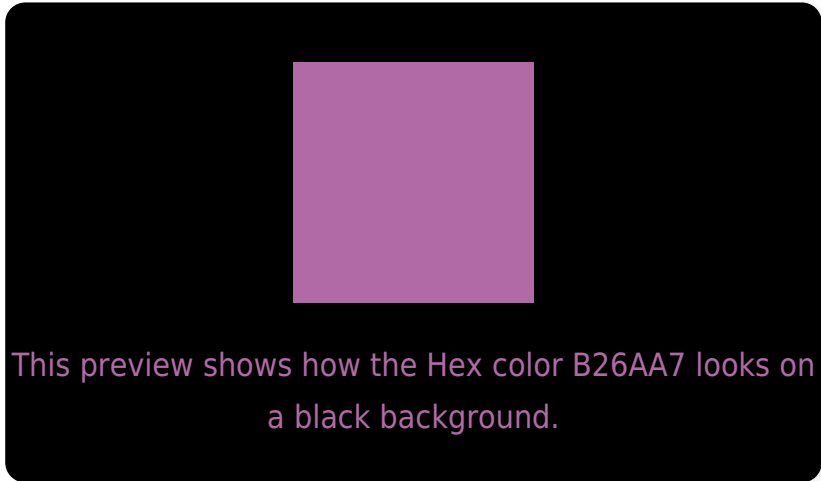
Large Text (above 18pt) WCAG AA ✓ Pass

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

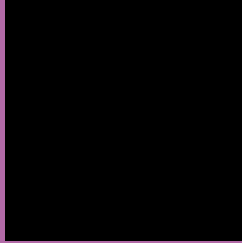
Any Text WCAG AA ✓ Pass

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 B26AA7 Background



This preview shows how black text looks on a background with the Hex color B26AA7.

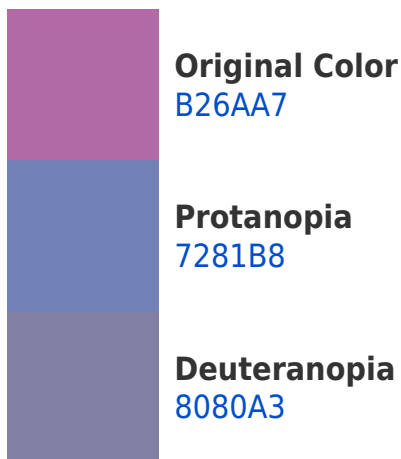


This preview shows how white text looks on a background with the Hex color B26AA7.

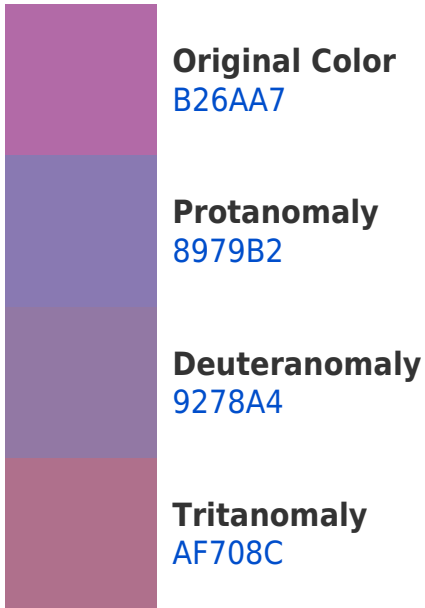
Color Blindness Simulation

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](#).

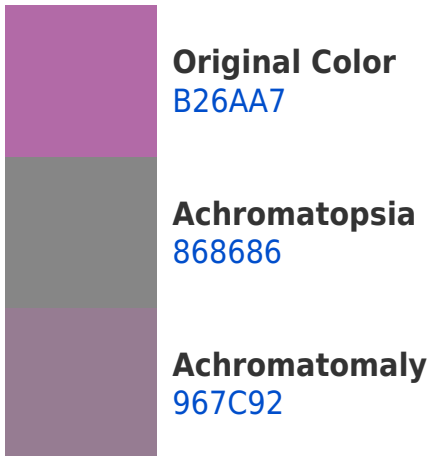
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B26AA7 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 #B26AA7 looks like.

```
.text, #text, p{  
    color:#B26AA7  
}
```

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 #B26AA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B26AA7
}
```

Border

The CSS property to change the border of an element to Hex B26AA7 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
#B26AA7 }
```

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

```
.border{ border-color:#B26AA7 }
```

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

Here you see how a box with a 4 pixel #B26AA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B26AA7; -webkit-box-shadow:4px 4px  
4px 4px #B26AA7; box-shadow:4px 4px 4px  
4px #B26AA7 }
```

Background

The CSS property to change the background color of an element to Hex B26AA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B26AA7 }
```

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

```
.background{ background-color:#B26AA7 }
```

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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