

Converting Colors

Hex(B27EA9)

Have a look what the booklet for
Hex(B27EA9) contains.

Hex(B27EA9)	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(B27EA9)

Conversions

Conversions Part 1

Format	Color
Hex	B27EA9
RGB	178, 126, 169
RGB Percent	70%, 49%, 66%
CMY	0.3020, 0.5059, 0.3373
CMYK	0.00, 0.29, 0.05, 0.30
HSL	310°, 25%, 60%
HSV	310°, 29%, 70%
XYZ	32.9824, 27.2513, 41.0578
YIQ	146.4500, 17.1890, 24.3970

Conversions

Conversions Part 2

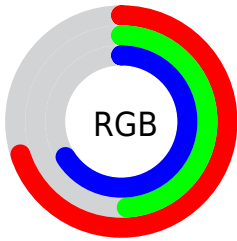
Format	Color
RYB	178, 126, 169
Decimal	11697833
CIELab	59.21, 27.19, -14.83
CIElCh	59, 30.973, 331.402
Yxy	27.2513, 0.3256, 0.2690
Android (android.graphics.Color)	4289887913 (0xFFB27EA9)
YUV	146.4500, 11.1172, 27.6694
Hunter-Lab	52.2027, 21.4239, -10.0900

Details

The Hex color **B27EA9** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7EB287**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **EAB3E0**, and **7C4C75** is the 20% darker color. If you saturate the color by 10%, you get **B26CA6**, and if you desaturate by 10%, it is **B290AC**.

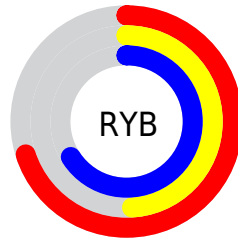
Distribution



Red (70%)

Green (49%)

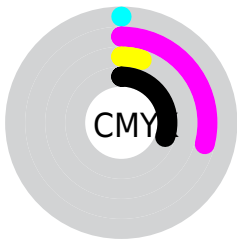
Blue (66%)



Red (70%)

Yellow (49%)

Blue (66%)

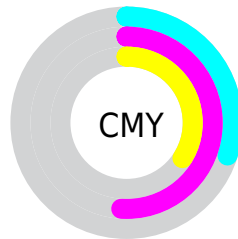


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (30%)



Cyan (30%)

Magenta (51%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color B27EA9 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 B27EA9 by changing the saturation by 10% instead.

 B27EA9

 B27EA9

FFFFFF

 97658F

 EAB3E0

 7C4C75

 FFCFFD

 63345C

 FFE8FF

 4A1E45

 33062E

 20001A

 000000

 B27EA9

 B27EA9

 B26CA6

 B290AC

 B25AA3

 B2A2AF

 B249A0

 B2B3B2

 B2379D

 B2C5B5

 B2259A

 B2D7B8

 B21397

 B2E9BB

 B20193

 B2FBBF

 B20093

 B2FFC2

 B2FFC5

Harmonies

Analogous

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



9487BD



B27EA9



C27A8E

Triad

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



B27EA9



A08D58



289CAA

Complementary

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



B27EA9



7EB287

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.



409D8F



B27EA9



83955F

Square

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



B27EA9



B68460



639B74



3E98BE

Rectangle

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



B27EA9



C47B7C



639B74



2C9DA1

Sweetspot

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



B27EA9



E8D3E4



877EB2



756873



F5F5F5



757575

Same Dimension

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



B27EA9



E897DA



B27E8F



595058



99007F



1A0015

Inverse Universe

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



B27EA9



E897DA



7EB2A1



595058



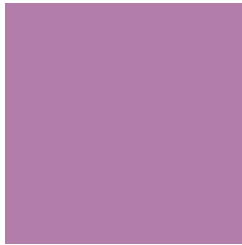
99007F



1A0015

Previews

White Background



This preview shows how the Hex color B27EA9 looks on a white background.

Color Contrast Check

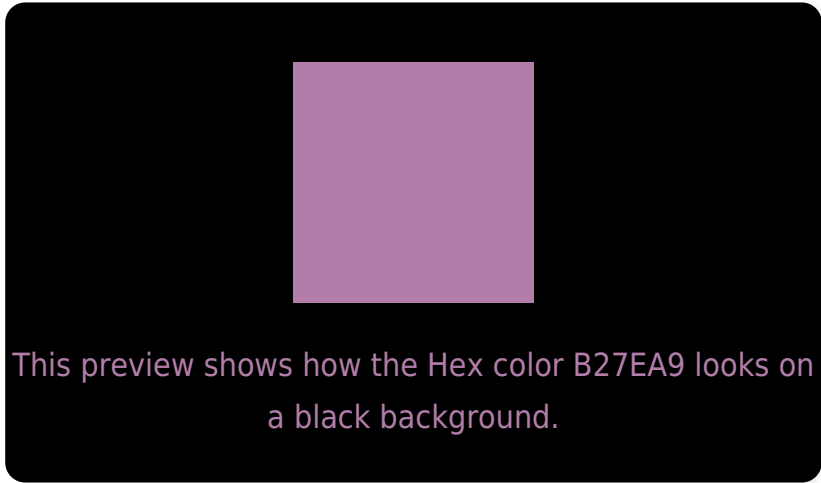
Large Text (above 18pt) WCAG AA ✓ Pass

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

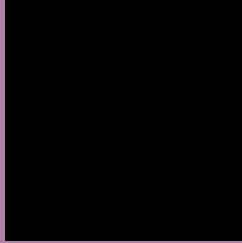
Any Text WCAG AA ✓ Pass

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 B27EA9 Background



This preview shows how black text looks on a background with the Hex color B27EA9.

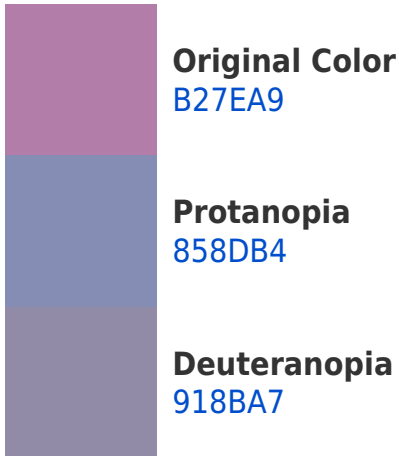



This preview shows how white text looks on a background with the Hex color B27EA9.

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](#).

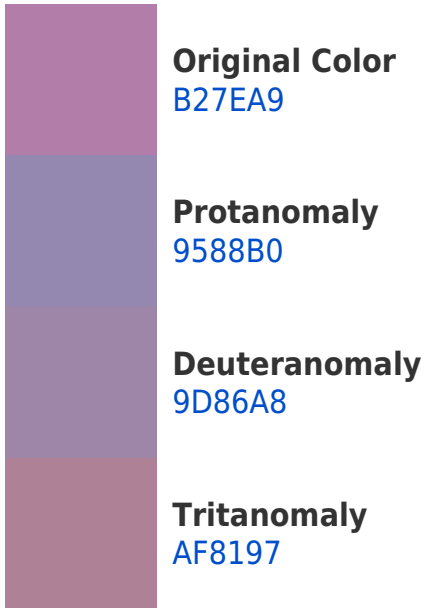
Dichromacy



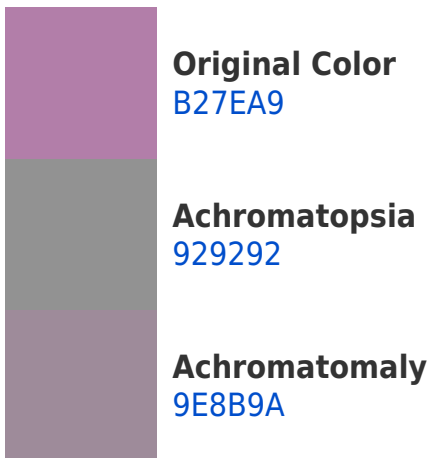


Tritanopia
AE838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B27EA9 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 #B27EA9 looks like.

```
.text, #text, p{  
    color:#B27EA9  
}
```

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 #B27EA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B27EA9
}
```

Border

The CSS property to change the border of an element to Hex B27EA9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

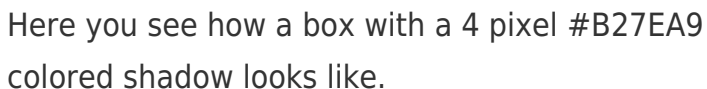
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B27EA9 }
```

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

```
.border{ border-color:#B27EA9 }
```

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



Here you see how a box with a 4 pixel #B27EA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B27EA9; -webkit-box-shadow:4px 4px  
4px 4px #B27EA9; box-shadow:4px 4px 4px  
4px #B27EA9 }
```

Background

The CSS property to change the background color of an element to Hex B27EA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B27EA9 }
```

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

```
.background{ background-color:#B27EA9 }
```

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