

# Converting Colors

Hex(B27DB0)

Have a look what the booklet for  
Hex(B27DB0) contains.

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# **Color**

**Hex(B27DB0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B27DB0
RGB	178, 125, 176
RGB Percent	70%, 49%, 69%
CMY	0.3020, 0.5098, 0.3098
CMYK	0.00, 0.30, 0.01, 0.30
HSL	302°, 26%, 59%
HSV	302°, 30%, 70%
XYZ	33.5302, 27.2668, 44.5701
YIQ	146.6610, 15.2170, 27.0970

# Conversions

## Conversions Part 2

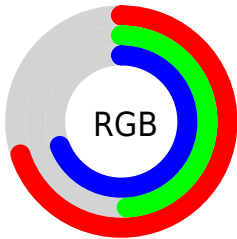
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 125, 176
Decimal	11697584
CIELab	59.22, 29.07, -18.81
CIELCh	59, 34.622, 327.094
Yxy	27.2668, 0.3182, 0.2588
Android (android.graphics.Color)	4289887664 (0xFFB27DB0)
YUV	146.6610, 14.4641, 27.4843
Hunter-Lab	52.2176, 23.2383, -14.0543

# Details

The Hex color **B27DB0** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7DB27F**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **EAB2E8**, and **7C4B7B** is the 20% darker color. If you saturate the color by 10%, you get **B26BAF**, and if you desaturate by 10%, it is **B28FB1**.

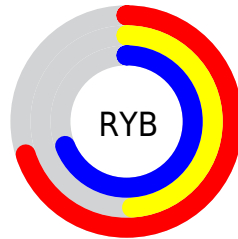
# Distribution



Red (70%)

Green (49%)

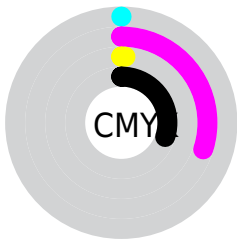
Blue (69%)



Red (70%)

Yellow (49%)

Blue (69%)

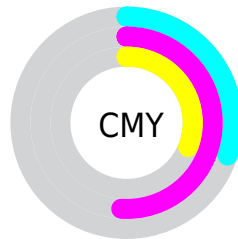


Cyan (0%)

Magenta (30%)

Yellow (1%)

Black (30%)



Cyan (30%)

Magenta (51%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B27DB0 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 B27DB0 by changing the saturation by 10% instead.



 B27DB0

 B27DB0

FFFFFF

 976495

 EAB2E8

 7C4B7B

 FFCEFF

 633362

 FFEAFF

 4A1C4A

 320534

 20001F

 000001

 000000

 B27DB0

 B27DB0

 B26BAF

 B28FB1

 B259AF

 B2A1B1

 B248AE

 B2B2B2

 B236AD

 B2C4B3

 B224AD

 B2D6B3

 B212AC

 B2E8B4

 B200AB

 B2FAB5

 B2FFB5

 B2FFB6

# Harmonies

## Analogous

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



8E88C5



B27DB0



C67793

# Triad

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



B27DB0



A58C51



009EA9

# Complementary

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



B27DB0



7DB27F

# 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.



369E8A



B27DB0



869557

# Square

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



B27DB0



BD815C



629B6C



1C9AC1

# Rectangle

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



B27DB0



CA777E



629B6C



0B9F9F



# Sweetspot

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



B27DB0



E8D3E7



7F7DB2



756875



F5F5F5



757575



# Same Dimension

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



B27DB0



E895E5



B27D96



595059



990093



1A0019



# Inverse Universe

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



B27DB0



E895E5



7DB299



595059



990093

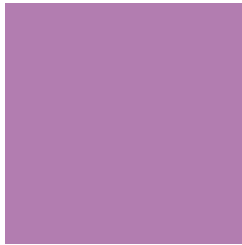


1A0019



# Previews

## White Background



This preview shows how the Hex color B27DB0 looks on a white background.

## Color Contrast Check

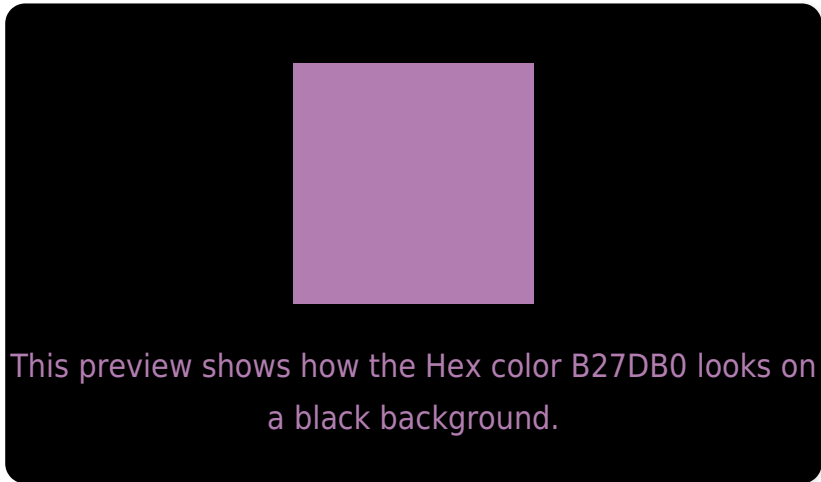
Large Text (above 18pt) WCAG AA ✓ Pass

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 B27DB0 Background



This preview shows how black text looks on a background with the Hex color B27DB0.

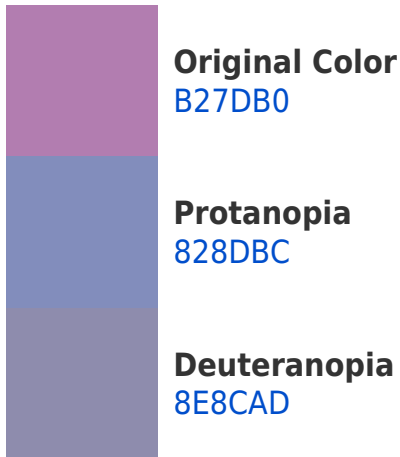


This preview shows how white text looks on a background with the Hex color B27DB0.

# 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](#).

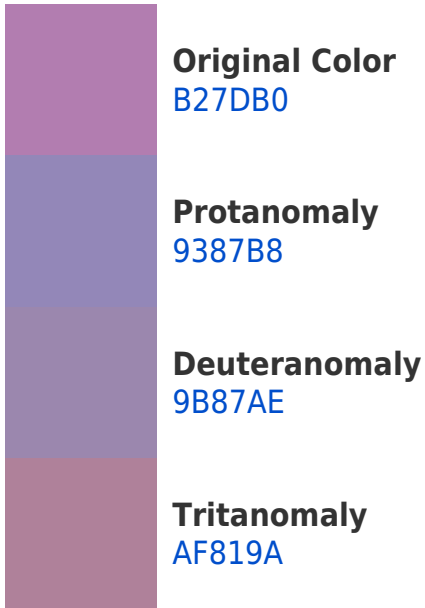
## Dichromacy





**Tritanopia**  
AD848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B27DB0 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 #B27DB0 looks like.

```
.text, #text, p{  
    color:#B27DB0  
}
```

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 #B27DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B27DB0
}
```

## Border

The CSS property to change the border of an element to Hex B27DB0 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
#B27DB0 }
```

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

```
.border{ border-color:#B27DB0 }
```

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

Here you see how a box with a 4 pixel #B27DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B27DB0; -webkit-box-shadow:4px 4px  
4px 4px #B27DB0; box-shadow:4px 4px 4px  
4px #B27DB0 }
```

# Background

The CSS property to change the background color of an element to Hex B27DB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B27DB0 }
```

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

```
.background{ background-color:#B27DB0 }
```

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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