

# Converting Colors

Hex(A27DBA)

Have a look what the booklet for  
Hex(A27DBA) contains.

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# **Color**

**Hex(A27DBA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A27DBA
RGB	162, 125, 186
RGB Percent	64%, 49%, 73%
CMY	0.3647, 0.5098, 0.2706
CMYK	0.13, 0.33, 0.00, 0.27
HSL	276°, 31%, 61%
HSV	276°, 33%, 73%
XYZ	31.0968, 25.8938, 49.8134
YIQ	143.0170, 2.4710, 26.8150

# Conversions

## Conversions Part 2

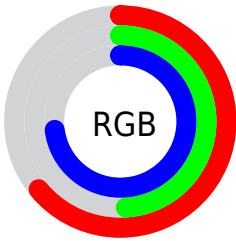
<b>Format</b>	<b>Color</b>
<b>RYB</b>	162, 125, 186
Decimal	10649018
CIELab	57.94, 25.84, -26.63
CIELCh	58, 37.109, 314.137
Yxy	25.8938, 0.2912, 0.2424
Android (android.graphics.Color)	4288839098 (0xFFA27DBA)
YUV	143.0170, 21.1906, 16.6481
Hunter-Lab	50.8859, 20.0325, -22.4202

# Details

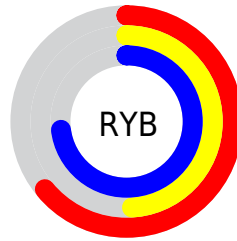
The Hex color **A27DBA** is a light color, and the websafe version is hex **996699**. A complement of this color would be **95BA7D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **DAB2F2**, and **6D4B85** is the 20% darker color. If you saturate the color by 10%, you get **9B6ABA**, and if you desaturate by 10%, it is **A990BA**.

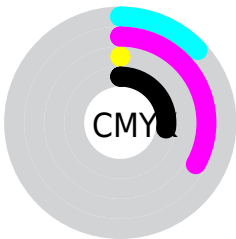
# Distribution



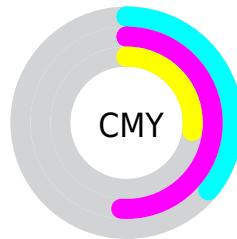
- Red (64%)
- Green (49%)
- Blue (73%)



- Red (64%)
- Yellow (49%)
- Blue (73%)



- Cyan (13%)
- Magenta (33%)
- Yellow (0%)
- Black (27%)



- Cyan (36%)
- Magenta (51%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A27DBA 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 A27DBA by changing the saturation by 10% instead.



 A27DBA

 A27DBA

FFFFFF

 87649F

 DAB2F2

 6D4B85

 F6CEFF

 54346B

 FFEAFF

 3C1E53

 25083B

 0F0025

 00010E

 000000

 A27DBA

 A27DBA

 9B6ABA

 A990BA

 9358BA

 B1A2BA

 8C45BA

 B8B5BA

 8533BA

 BFC7BA

 7D20BA

 C7DABA

 760DBA

 CEEDBA

 7100BA

 D5FFBA

 DDFBBA

 E4FFBA

# Harmonies

## Analogous

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



7489CA



A27DBA



BF739E

# Triad

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



A27DBA



AE834D



009C9A

# Complementary

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



A27DBA



95BA7D

# 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.



409B78



A27DBA



918E4B

# Square

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



A27DBA



C3785F



6C965B



009AB7

# Rectangle

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



A27DBA



C87188



6C965B



0A9C8F



# Sweetspot

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



A27DBA



E9DAF2



7D95BA



756C7A



FAFAFA



7A7A7A



# Same Dimension

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



A27DBA



CD94F2



BA7DB4



58535C



5E009C



11001C



# Inverse Universe

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



BA7D95



F294B9



7DBA83



5C5356



9C003D

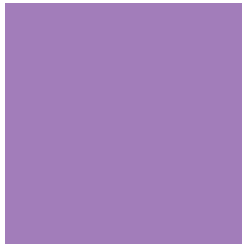


1C000B



# Previews

## White Background



This preview shows how the Hex color A27DBA looks on a white background.

## Color Contrast Check

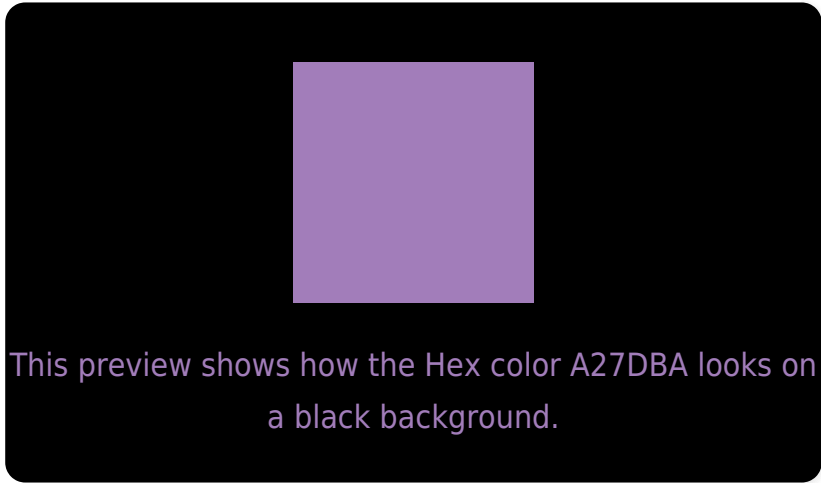
Large Text (above 18pt) WCAG AA ✓ Pass

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

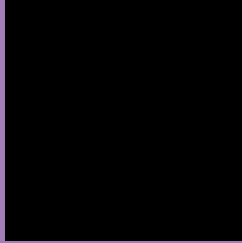
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A27DBA Background



This preview shows how black text looks on a background with the Hex color A27DBA.

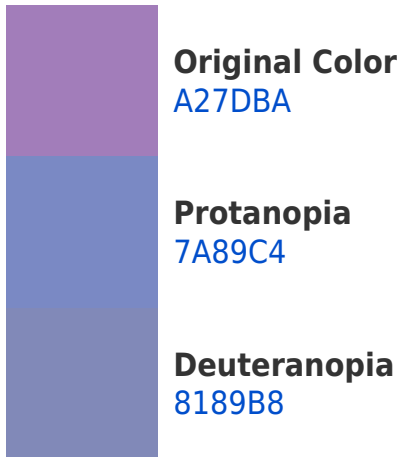


This preview shows how white text looks on a background with the Hex color A27DBA.

# 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](#).

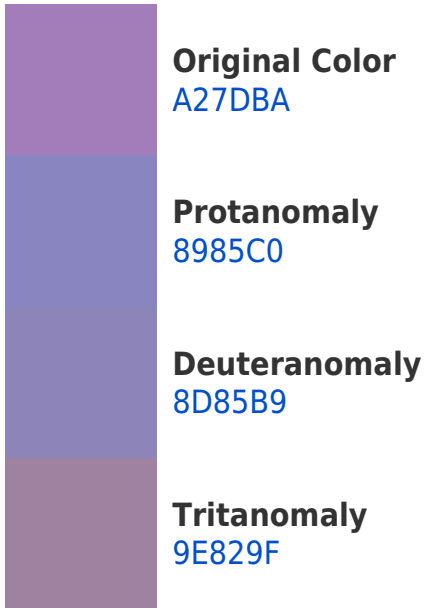
## Dichromacy



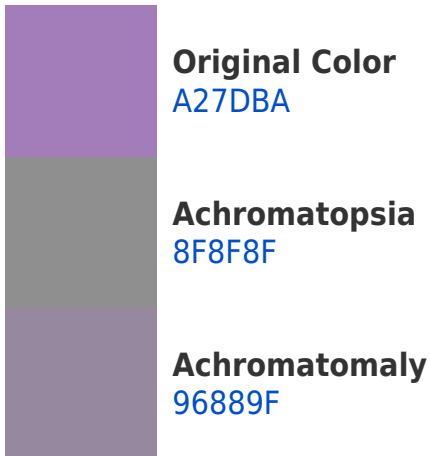


**Tritanopia**  
9B8590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A27DBA 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 #A27DBA looks like.

```
.text, #text, p{  
    color:#A27DBA  
}
```

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 #A27DBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A27DBA
}
```

## Border

The CSS property to change the border of an element to Hex A27DBA is called "border". The border property can be set on classes, ids or directly on the HTML element.

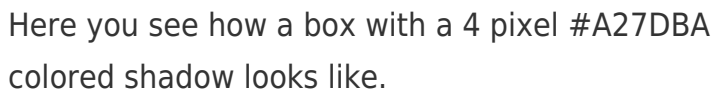
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A27DBA }
```

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

```
.border{ border-color:#A27DBA }
```

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



Here you see how a box with a 4 pixel #A27DBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A27DBA; -webkit-box-shadow:4px 4px  
4px 4px #A27DBA; box-shadow:4px 4px 4px  
4px #A27DBA }
```

# Background

The CSS property to change the background color of an element to Hex A27DBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A27DBA }
```

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

```
.background{ background-color:#A27DBA }
```

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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