

# Converting Colors

Hex(A27EAA)

Have a look what the booklet for  
Hex(A27EAA) contains.

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# **Color**

**Hex(A27EAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A27EAA
RGB	162, 126, 170
RGB Percent	64%, 49%, 67%
CMY	0.3647, 0.5059, 0.3333
CMYK	0.05, 0.26, 0.00, 0.33
HSL	289°, 21%, 58%
HSV	289°, 26%, 67%
XYZ	29.6168, 25.5054, 41.3923
YIQ	141.7800, 7.3320, 21.3160

# Conversions

## Conversions Part 2

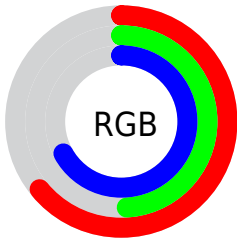
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	162, 126, 170
Decimal	10649258
CIELab	57.56, 21.89, -18.05
CIELCh	58, 28.369, 320.494
Yxy	25.5054, 0.3069, 0.2643
Android (android.graphics.Color)	4288839338 (0xFFA27EAA)
YUV	141.7800, 13.9125, 17.7329
Hunter-Lab	50.5028, 16.2994, -13.2422

# Details

The Hex color **A27EAA** is a light color, and the websafe version is hex **996699**. A complement of this color would be **86AA7E**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D9B3E1**, and **6E4D76** is the 20% darker color. If you saturate the color by 10%, you get **9F6DAA**, and if you desaturate by 10%, it is **A58FAA**.

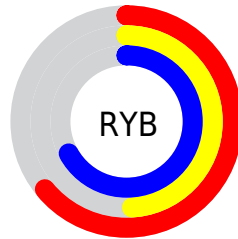
# Distribution



Red (64%)

Green (49%)

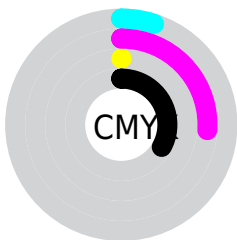
Blue (67%)



Red (64%)

Yellow (49%)

Blue (67%)

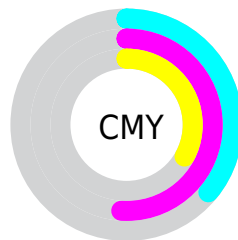


Cyan (5%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (36%)

Magenta (51%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A27EAA 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 A27EAA by changing the saturation by 10% instead.



 A27EAA

 A27EAA

FFFFFF

 87658F

 D9B3E1

 6E4D76

 F6CFFE

 55355D

 FFE8FF

 3D1F45

 260A2F

 0D001A

 000000

 A27EAA

 A27EAA

 9F6DAA

 A58FAA

9C5CAA

A8A0AA

994BAA

ABB1AA

963AAA

AEC2AA

9329AA

B1D3AA

8F18AA

B5E4AA

8C07AA

B8F5AA

8B00AA

BBFFAA

BEFFAA

# Harmonies

## Analogous

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



8287B8



A27EAA



B67893

# Triad

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



A27EAA



A28659



37989B

# Complementary

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



A27EAA



86AA7E

# 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.



509781



A27EAA



8A8E5B

# Square

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



A27EAA



B47E65



6E946A



3B95B0

# Rectangle

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



A27EAA



BB7782



6E946A



3E9892



# Sweetspot

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



A27EAA



DBCCDE



7E86AA



6E6570



F0F0F0



707070



# Same Dimension

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



A27EAA



D199DE



AA7E9C



534C54



790094



110014



# Inverse Universe

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



AA7E86



DE99A6



7EAA8C



544C4D



94001B

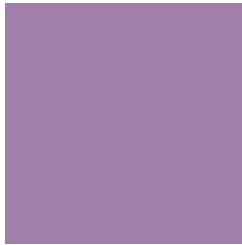


140004



# Previews

## White Background



This preview shows how the Hex color A27EAA looks on a white background.

## Color Contrast Check

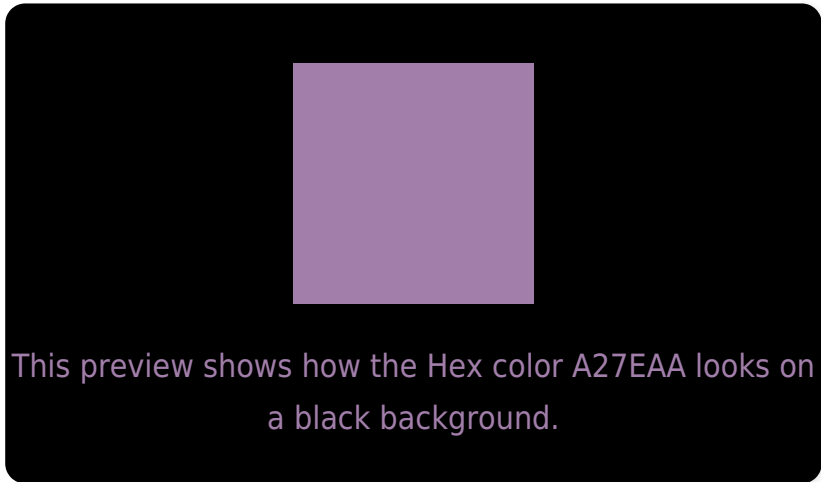
Large Text (above 18pt) WCAG AA ✓ Pass

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

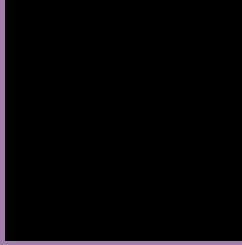
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A27EAA Background



This preview shows how black text looks on a background with the Hex color A27EAA.



This preview shows how white text looks on a background with the Hex color A27EAA.

# 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**  
9E838E

# Trichromacy



**Original Color**  
A27EAA

**Protanomaly**  
8C85AF

**Deuteranomaly**  
9284A9

**Tritanomaly**  
9F8198

# Monochromacy



**Original Color**  
A27EAA

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
958898

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A27EAA 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 #A27EAA looks like.

```
.text, #text, p{  
    color:#A27EAA  
}
```

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 #A27EAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A27EAA
}
```

## Border

The CSS property to change the border of an element to Hex A27EAA is called "border". The border property can be set on classes, ids or directly on the HTML element.

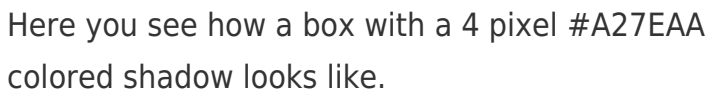
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A27EAA }
```

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

```
.border{ border-color:#A27EAA }
```

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



Here you see how a box with a 4 pixel #A27EAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A27EAA; -webkit-box-shadow:4px 4px  
4px 4px #A27EAA; box-shadow:4px 4px 4px  
4px #A27EAA }
```

# Background

The CSS property to change the background color of an element to Hex A27EAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A27EAA }
```

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

```
.background{ background-color:#A27EAA }
```

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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