

# Converting Colors

Hex(A37DAE)

Have a look what the booklet for  
Hex(A37DAE) contains.

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# Color

Hex(A37DAE)

# Conversions

## Conversions Part 1

Format	Color
Hex	A37DAE
RGB	163, 125, 174
RGB Percent	64%, 49%, 68%
CMY	0.3608, 0.5098, 0.3176
CMYK	0.06, 0.28, 0.00, 0.32
HSL	287°, 23%, 59%
HSV	287°, 28%, 68%
XYZ	30.0779, 25.5098, 43.3830
YIQ	141.9480, 6.9190, 23.2950

# Conversions

## Conversions Part 2

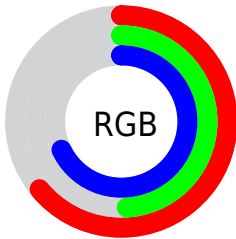
Format	Color
<b>RYB</b>	163, 125, 174
Decimal	10714542
CIELab	57.57, 23.62, -20.33
CIELCh	58, 31.162, 319.286
Yxy	25.5098, 0.3039, 0.2578
Android (android.graphics.Color)	4288904622 (0xFFA37DAE)
YUV	141.9480, 15.8016, 18.4626
Hunter-Lab	50.5072, 17.9121, -15.5719

# Details

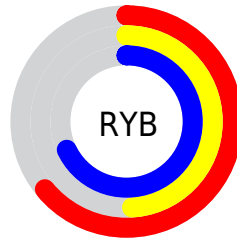
The Hex color **A37DAE** is a light color, and the websafe version is hex **996699**. A complement of this color would be **88AE7D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **DAB2E6**, and **6F4C79** is the 20% darker color. If you saturate the color by 10%, you get **9F6CAE**, and if you desaturate by 10%, it is **A78EAE**.

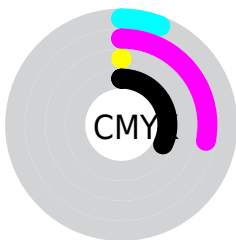
# Distribution



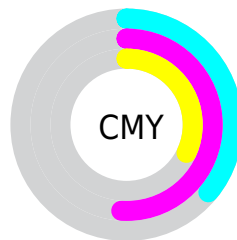
- Red (64%)
- Green (49%)
- Blue (68%)



- Red (64%)
- Yellow (49%)
- Blue (68%)



- Cyan (6%)
- Magenta (28%)
- Yellow (0%)
- Black (32%)



- Cyan (36%)
- Magenta (51%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A37DAE 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 A37DAE by changing the saturation by 10% instead.



 A37DAE

 A37DAE

FFFFFF

 886493

 DAB2E6

 6F4C79

 F7CEFF

 563461

 FFEAFF

 3E1E49

 270832

 0F001D

 000000

 A37DAE

 A37DAE

 9F6CAE

 A78EAE

9B5AAE

ABA0AE

9749AE

AFB1AE

9337AE

B3C3AE

8F26AE

B7D4AE

8C15AE

BAE5AE

8803AE

BEF7AE

8700AE

C2FFAE

C6FFAE

# Harmonies

## Analogous

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



7F87BD



A37DAE



B97695

# Triad

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



A37DAE



A58555



26999B

# Complementary

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



A37DAE



88AE7D

# 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.



49987F



A37DAE



8B8E56

# Square

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



A37DAE



B87C62



6C9566



2896B3

# Rectangle

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



A37DAE



BF7583



6C9566



319992



# Sweetspot

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



A37DAE



DFD1E3



7D88AE



706773



F2F2F2



737373



# Same Dimension

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



A37DAE



D296E3



AE7DA1



554E57



750096



120017



# Inverse Universe

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



AE7D88



E396A7



7DAE8A



574E50



960022

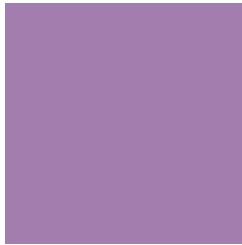


170005



# Previews

## White Background



This preview shows how the Hex color A37DAE looks on a white background.

## Color Contrast Check

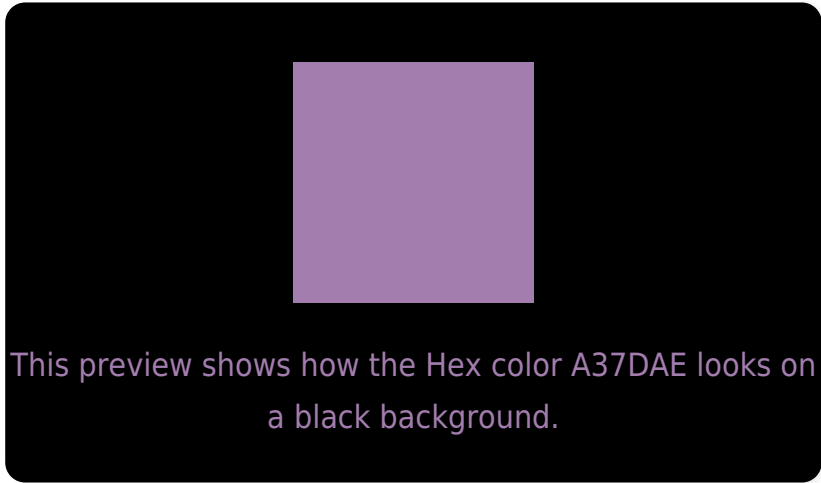
Large Text (above 18pt) WCAG AA ✓ Pass

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

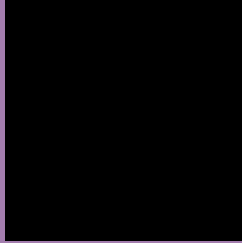
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A37DAE Background



This preview shows how black text looks on a background with the Hex color A37DAE.

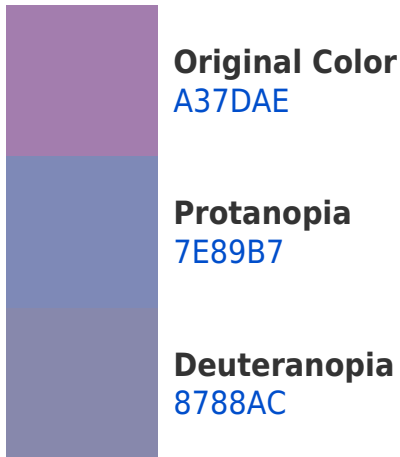



This preview shows how white text looks on a background with the Hex color A37DAE.

# 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**  
9E838D

# Trichromacy



**Original Color**  
A37DAE

**Protanomaly**  
8B85B4

**Deuteranomaly**  
9184AD

**Tritanomaly**  
A08199

# Monochromacy



**Original Color**  
A37DAE

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
96889A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A37DAE 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 #A37DAE looks like.

```
.text, #text, p{  
    color:#A37DAE  
}
```

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 #A37DAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A37DAE
}
```

## Border

The CSS property to change the border of an element to Hex A37DAE 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
#A37DAE }
```

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

```
.border{ border-color:#A37DAE }
```

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

Here you see how a box with a 4 pixel #A37DAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A37DAE; -webkit-box-shadow:4px 4px  
4px 4px #A37DAE; box-shadow:4px 4px 4px  
4px #A37DAE }
```

# Background

The CSS property to change the background color of an element to Hex A37DAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A37DAE }
```

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

```
.background{ background-color:#A37DAE }
```

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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