

# Converting Colors

Hex(A57DDA)

Have a look what the booklet for  
Hex(A57DDA) contains.

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# **Color**

**Hex(A57DDA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A57DDA
RGB	165, 125, 218
RGB Percent	65%, 49%, 85%
CMY	0.3529, 0.5098, 0.1451
CMYK	0.24, 0.43, 0.00, 0.15
HSL	266°, 56%, 67%
HSV	266°, 43%, 85%
XYZ	35.5056, 27.7285, 69.8105
YIQ	147.5620, -6.0130, 37.4030

# Conversions

## Conversions Part 2

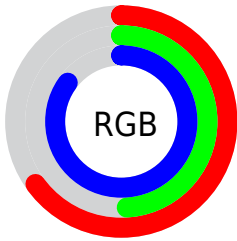
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 125, 218
Decimal	10845658
CIELab	59.64, 34.05, -42.04
CIELCh	60, 54.102, 309.009
Yxy	27.7285, 0.2669, 0.2084
Android (android.graphics.Color)	4289035738 (0xFFA57DDA)
YUV	147.5620, 34.7259, 15.2931
Hunter-Lab	52.6579, 28.2057, -41.7424

# Details

The Hex color **A57DDA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B2DA7D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **DEB2FF**, and **6F4BA3** is the 20% darker color. If you saturate the color by 10%, you get **9967DA**, and if you desaturate by 10%, it is **B193DA**.

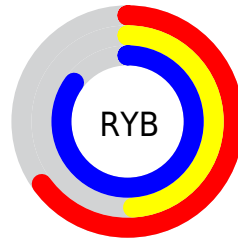
# Distribution



Red (65%)

Green (49%)

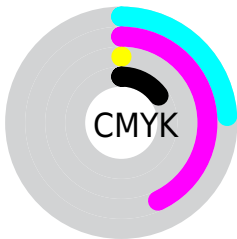
Blue (85%)



Red (65%)

Yellow (49%)

Blue (85%)

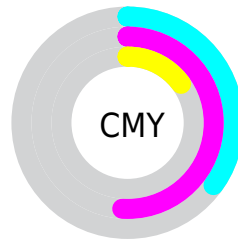


Cyan (24%)

Magenta (43%)

Yellow (0%)

Black (15%)



Cyan (35%)

Magenta (51%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A57DDA 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 A57DDA by changing the saturation by 10% instead.



 A57DDA

 A57DDA

FFFFFF

 8A64BE

 DEB2FF

 6F4BA3

 FBCEFF

 553388

 FFEAFF

 3B1D6E

 200555

 0B003E

 000327

 000110

 000000

 A57DDA

 A57DDA

 9967DA

 B193DA

 8C51DA

 BEA9DA

 803CDA

 CABEDA

 7326DA

 D7D4DA

 6710DA

 E3EADA

 5E00DA

 F0FFDA

 FCFFDA

 FFFFDA

# Harmonies

## Analogous

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



4D90EE



A57DDA



D46BB3

# Triad

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



A57DDA



C48134



00A79D

# Complementary

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



A57DDA



B2DA7D

# 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.



00A56C



A57DDA



9C9229

# Square

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



A57DDA



E06F56



699E41



00A5CA

# Rectangle

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



A57DDA



E46493



699E41



00A78C



# Sweetspot

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



A57DDA



ECDEFF



7DB3DA



746B80



000000



808080



# Same Dimension

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



A57DDA



B57DFF



D27DDA



67636E



4B00AD



14002E



# Inverse Universe

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



DA7DB2



FF7DC7



85DA7D



6E6369



AD0063

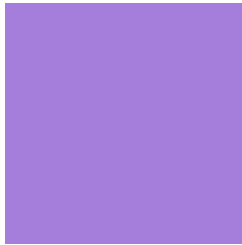


2E001A



# Previews

## White Background



This preview shows how the Hex color A57DDA looks on a white background.

## Color Contrast Check

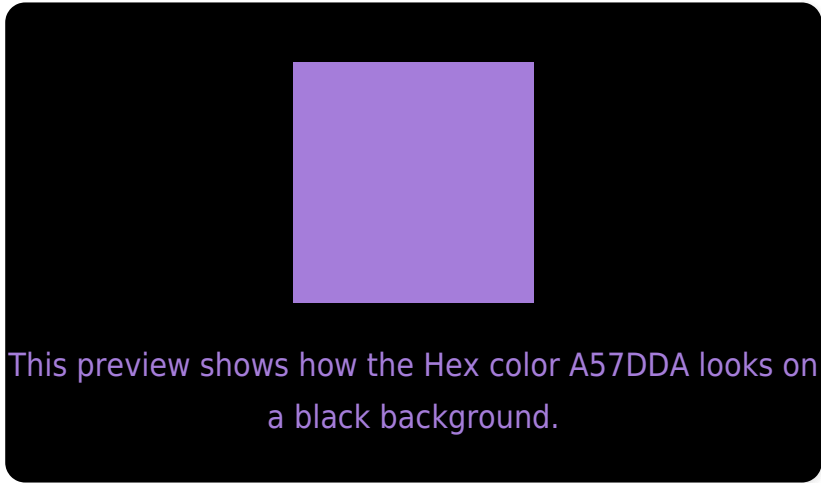
Large Text (above 18pt) WCAG AA ✓ Pass

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 A57DDA Background



This preview shows how black text looks on a background with the Hex color A57DDA.

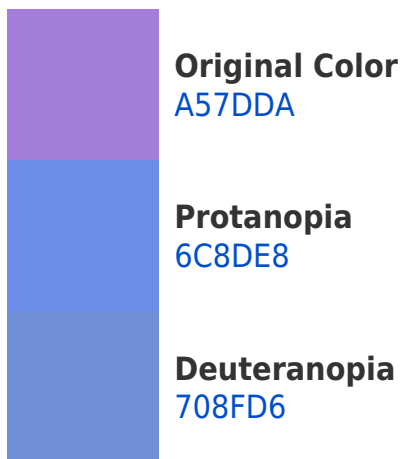


This preview shows how white text looks on a background with the Hex color A57DDA.

# 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](#).

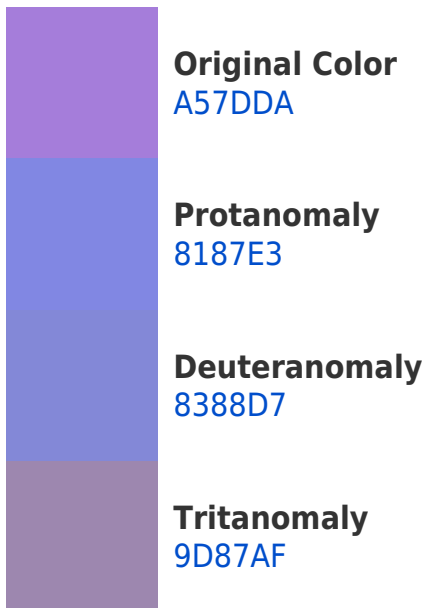
## Dichromacy



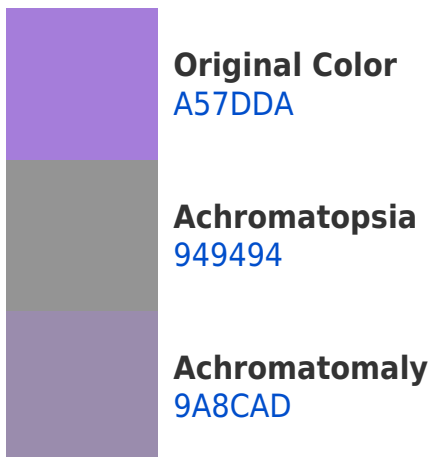


**Tritanopia**  
998C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A57DDA 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 #A57DDA looks like.

```
.text, #text, p{  
    color:#A57DDA  
}
```

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 #A57DDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A57DDA
}
```

## Border

The CSS property to change the border of an element to Hex A57DDA 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
#A57DDA }
```

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

```
.border{ border-color:#A57DDA }
```

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

Here you see how a box with a 4 pixel #A57DDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A57DDA; -webkit-box-shadow:4px 4px  
4px 4px #A57DDA; box-shadow:4px 4px 4px  
4px #A57DDA }
```

# Background

The CSS property to change the background color of an element to Hex A57DDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A57DDA }
```

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

```
.background{ background-color:#A57DDA }
```

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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