

# Converting Colors

Hex(A272DA)

Have a look what the booklet for  
Hex(A272DA) contains.

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# Color

**Hex(A272DA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A272DA
RGB	162, 114, 218
RGB Percent	64%, 45%, 85%
CMY	0.3647, 0.5529, 0.1451
CMYK	0.26, 0.48, 0.00, 0.15
HSL	268°, 58%, 65%
HSV	268°, 48%, 85%
XYZ	33.5725, 24.7780, 69.3428
YIQ	140.2080, -4.7760, 42.5200

# Conversions

## Conversions Part 2

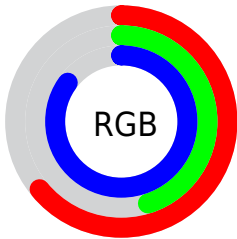
Format	Color
R <sub>Y</sub> B	162, 114, 218
Decimal	10646234
CIE <sub>Lab</sub>	56.86, 39.40, -46.45
CIE <sub>LCh</sub>	57, 60.911, 310.301
Yxy	24.7780, 0.2629, 0.1940
Android (android.graphics.Color)	4288836314 (0xFFA272DA)
YUV	140.2080, 38.3515, 19.1116
Hunter-Lab	49.7775, 33.2790, -47.7501

# Details

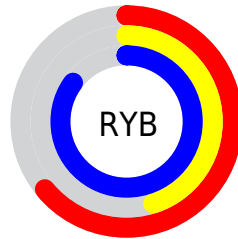
The Hex color **A272DA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AADA72**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **DBA7FF**, and **6B40A2** is the 20% darker color. If you saturate the color by 10%, you get **965CDA**, and if you desaturate by 10%, it is **AE88DA**.

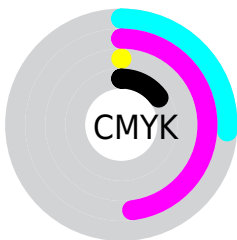
# Distribution



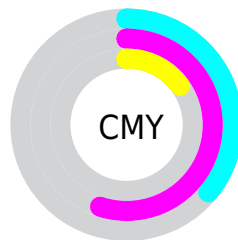
- Red (64%)
- Green (45%)
- Blue (85%)



- Red (64%)
- Yellow (45%)
- Blue (85%)



- Cyan (26%)
- Magenta (48%)
- Yellow (0%)
- Black (15%)



- Cyan (36%)
- Magenta (55%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A272DA 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 A272DA by changing the saturation by 10% instead.



 A272DA

 A272DA

FFFFFF

 8659BE

 DBA7FF

 6B40A2

 F8C2FF

 512888

 FFDFFF


 36106E

 FFFBFF

 190055

 00003D

 000326

 00010F

 000000

 A272DA

 A272DA

 965CDA

 AE88DA

 8B46DA

 B99EDA

 7F31DA

 C5B3DA

 731BDA

 D1C9DA

 6705DA

 DDDFDA

 6500DA

 E8F5DA

 F4FFDA

 FFFFDA

# Harmonies

## Analogous

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



3188F1



A272DA



D65BAD

# Triad

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



A272DA



BF791B



00A19A

# Complementary

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



A272DA



AADA72

# 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.



009F63



A272DA



928C07

# Square

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



A272DA



DE6246



579830



009FCC

# Rectangle

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



A272DA



E5538A



579830



00A187



# Sweetspot

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



A272DA



ECDBFF



72ABDA



746A80



000000



808080



# Same Dimension

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



A272DA



B16EFF



D572DA



68636E



5000AD



15002E



# Inverse Universe

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



DA72AA



FF6EBC



77DA72



6E6369



AD005D

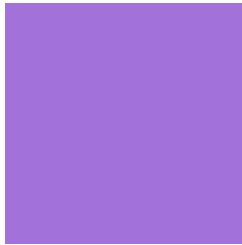


2E0019



# Previews

## White Background



This preview shows how the Hex color A272DA looks on a white background.

## Color Contrast Check

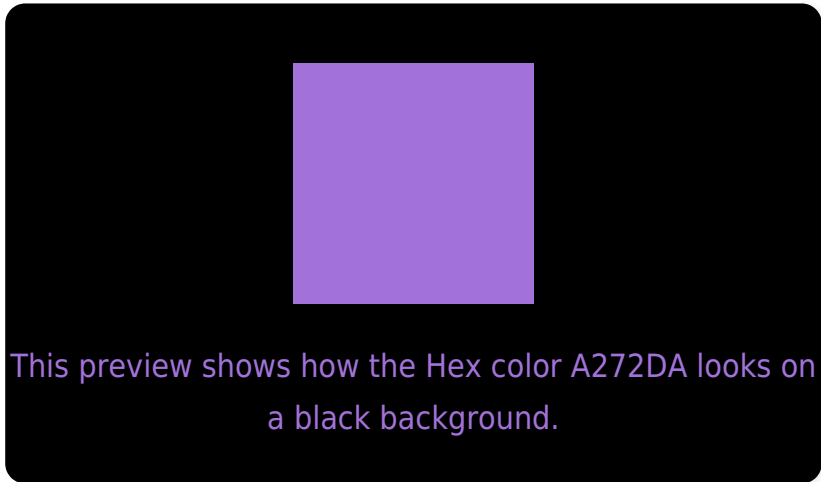
Large Text (above 18pt) WCAG AA ✓ Pass

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

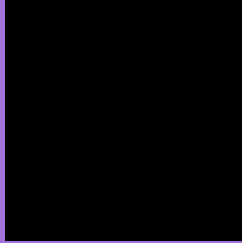
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A272DA Background



This preview shows how black text looks on a background with the Hex color A272DA.

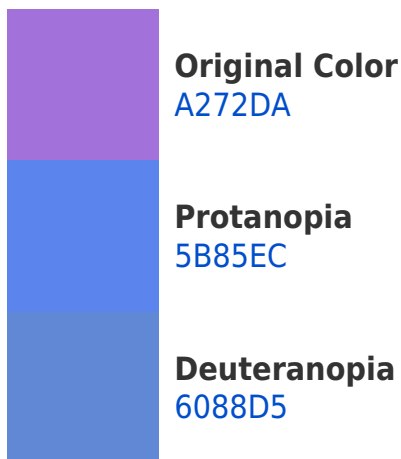


This preview shows how white text looks on a background with the Hex color A272DA.

# 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](#).

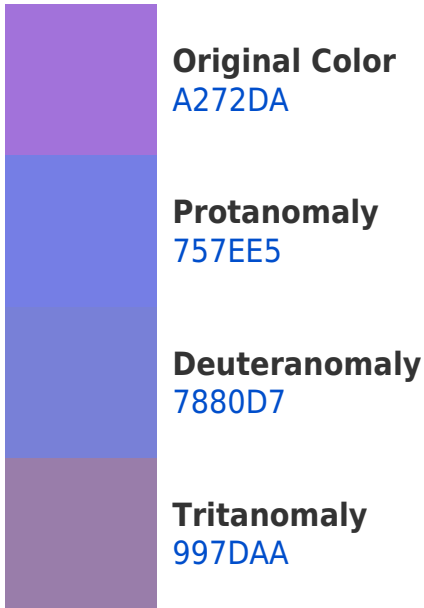
## Dichromacy



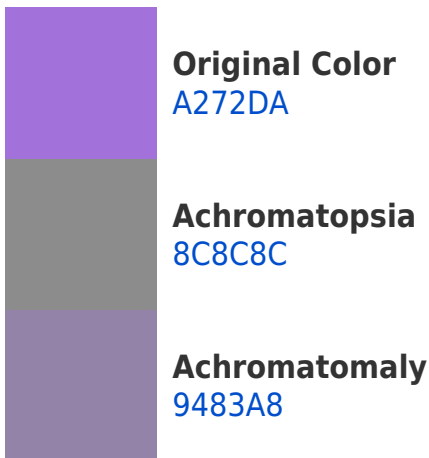


**Tritanopia**  
94848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A272DA 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 #A272DA looks like.

```
.text, #text, p{  
    color:#A272DA  
}
```

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 #A272DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A272DA
}
```

## Border

The CSS property to change the border of an element to Hex A272DA is called "border". The border property can be set on classes, ids or directly on the HTML element.

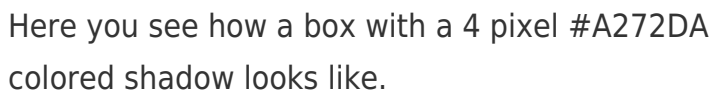
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A272DA }
```

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

```
.border{ border-color:#A272DA }
```

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



Here you see how a box with a 4 pixel `#A272DA` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A272DA; -webkit-box-shadow:4px 4px  
4px 4px #A272DA; box-shadow:4px 4px 4px  
4px #A272DA }
```

# Background

The CSS property to change the background color of an element to Hex A272DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A272DA }
```

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

```
.background{ background-color:#A272DA }
```

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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