

# Converting Colors

Hex(AD70DE)

Have a look what the booklet for  
Hex(AD70DE) contains.

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# Color

Hex(**AD70DE**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD70DE
RGB	173, 112, 222
RGB Percent	68%, 44%, 87%
CMY	0.3216, 0.5608, 0.1294
CMYK	0.22, 0.50, 0.00, 0.13
HSL	273°, 62%, 65%
HSV	273°, 50%, 87%
XYZ	36.2126, 25.7465, 72.1682
YIQ	142.7790, 1.0460, 47.1420

# Conversions

## Conversions Part 2

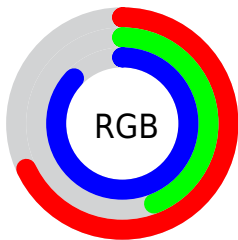
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 112, 222
Decimal	11366622
CIE <sub>Lab</sub>	57.80, 44.39, -47.14
CIE <sub>LCh</sub>	58, 64.753, 313.276
Yxy	25.7465, 0.2700, 0.1920
Android (android.graphics.Color)	4289556702 (0xFFAD70DE)
YUV	142.7790, 39.0560, 26.5038
Hunter-Lab	50.7410, 38.5941, -48.8086

# Details

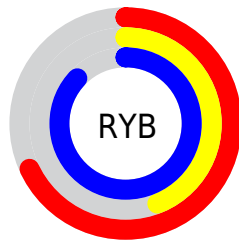
The Hex color **AD70DE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A1DE70**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **E6A5FF**, and **763DA6** is the 20% darker color. If you saturate the color by 10%, you get **A35ADE**, and if you desaturate by 10%, it is **B786DE**.

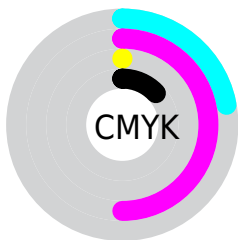
# Distribution



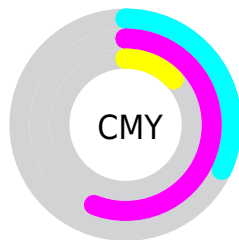
- Red (68%)
- Green (44%)
- Blue (87%)



- Red (68%)
- Yellow (44%)
- Blue (87%)



- Cyan (22%)
- Magenta (50%)
- Yellow (0%)
- Black (13%)



- Cyan (32%)
- Magenta (56%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD70DE 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 AD70DE by changing the saturation by 10% instead.



 AD70DE

 AD70DE

FFFFFF

 9156C2

 E6A5FF

 763DA6

 FFC1FF

 5B248B

 FFDDFF

 400871

 FFFAFF

 250058

 0B0040

 000329

 000113

 000000

 AD70DE

 AD70DE

 A35ADE

 B786DE

 9944DE

 C19CDE

 8F2DDE

 CBB3DE

 8517DE

 D5C9DE

 7C01DE

 DEDFDE

 7B00DE

 E8F5DE

 F2FFDE

 FCFFDE

 FFFFDE

# Harmonies

## Analogous

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



3D89FA



AD70DE



E057AD

# Triad

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



AD70DE



C07C0C



00A5A3

# Complementary

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



AD70DE



A1DE70

# 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.



00A368



AD70DE



8F9000

# Square

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



AD70DE



E3643F



4D9D30



00A3D8

# Rectangle

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



AD70DE



EE5087



4D9D30



00A590



# Sweetspot

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



AD70DE



EED9FF



70A2DE



756980



000000



808080



# Same Dimension

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



AD70DE



BC69FF



DE70D9



6B6570



6200B0



1B0030



# Inverse Universe

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



DE70A1



FF69AC



70DE75



70656A



B0004E

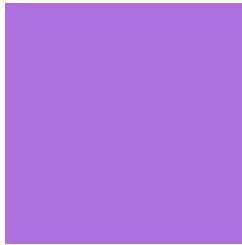


300016



# Previews

## White Background



This preview shows how the Hex color AD70DE looks on a white background.

## Color Contrast Check

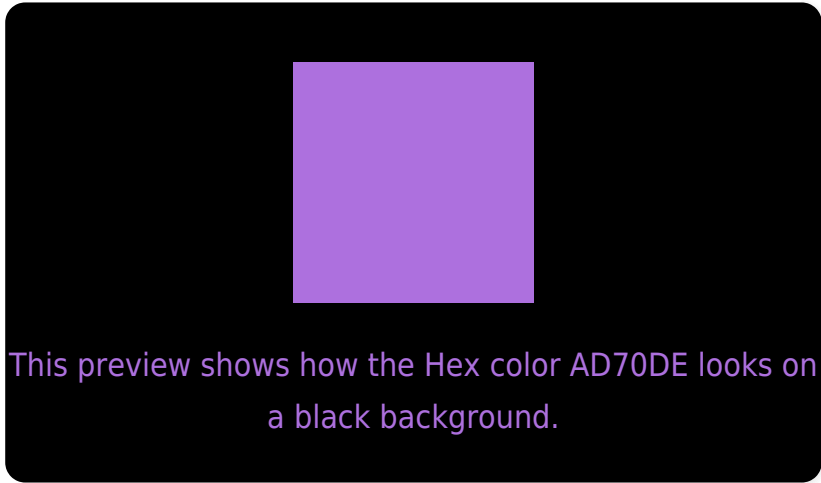
Large Text (above 18pt) WCAG AA ✓ Pass

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

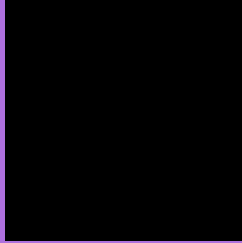
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AD70DE Background



This preview shows how black text looks on a background with the Hex color AD70DE.

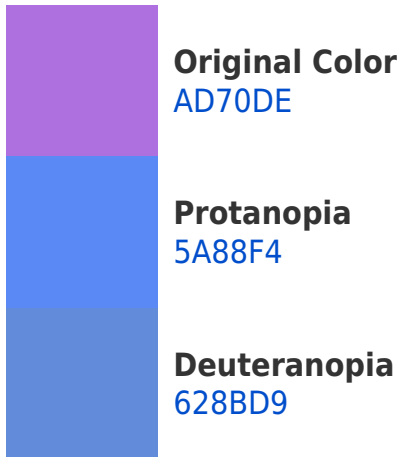


This preview shows how white text looks on a background with the Hex color AD70DE.

# 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](#).

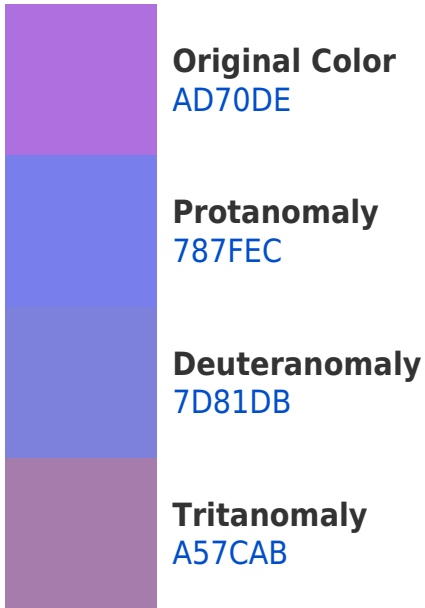
## Dichromacy



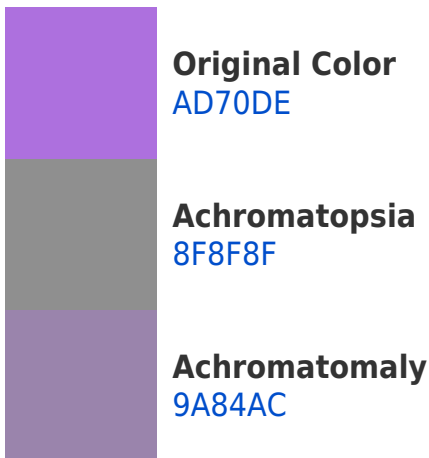


**Tritanopia**  
A0838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD70DE 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 #AD70DE looks like.

```
.text, #text, p{  
    color:#AD70DE  
}
```

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 #AD70DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD70DE
}
```

## Border

The CSS property to change the border of an element to Hex AD70DE 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
#AD70DE }
```

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

```
.border{ border-color:#AD70DE }
```

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

Here you see how a box with a 4 pixel #AD70DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD70DE; -webkit-box-shadow:4px 4px  
4px 4px #AD70DE; box-shadow:4px 4px 4px  
4px #AD70DE }
```

# Background

The CSS property to change the background color of an element to Hex AD70DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD70DE }
```

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

```
.background{ background-color:#AD70DE }
```

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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