

# Converting Colors

Hex(A370DF)

Have a look what the booklet for  
Hex(A370DF) contains.

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# Color

**Hex(A370DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A370DF
RGB	163, 112, 223
RGB Percent	64%, 44%, 87%
CMY	0.3608, 0.5608, 0.1255
CMYK	0.27, 0.50, 0.00, 0.13
HSL	268°, 63%, 66%
HSV	268°, 50%, 87%
XYZ	34.2177, 24.7026, 72.7766
YIQ	139.9030, -5.2350, 45.3330

# Conversions

## Conversions Part 2

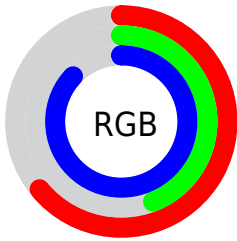
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 112, 223
Decimal	10711263
CIE <sub>Lab</sub>	56.78, 41.97, -49.38
CIE <sub>LCh</sub>	57, 64.801, 310.362
Yxy	24.7026, 0.2598, 0.1876
Android (android.graphics.Color)	4288901343 (0xFFA370DF)
YUV	139.9030, 40.9668, 20.2561
Hunter-Lab	49.7017, 35.9124, -52.0253

# Details

The Hex color **A370DF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **ACDF70**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **DCA5FF**, and **6C3EA7** is the 20% darker color. If you saturate the color by 10%, you get **975ADF**, and if you desaturate by 10%, it is **AF86DF**.

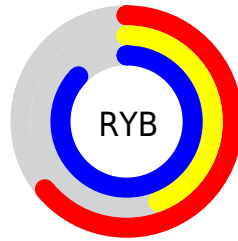
# Distribution



Red (64%)

Green (44%)

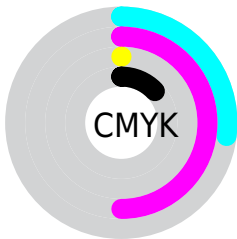
Blue (87%)



Red (64%)

Yellow (44%)

Blue (87%)

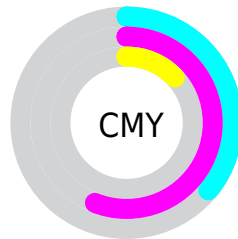


Cyan (27%)

Magenta (50%)

Yellow (0%)

Black (13%)



Cyan (36%)

Magenta (56%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A370DF 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 A370DF by changing the saturation by 10% instead.



 A370DF

 A370DF

FFFFFF

 8757C3

 DCA5FF

 6C3EA7

 FAC0FF

 51268C

 FFDDFF

 360C72

 FFFAFF

 180059

 000041

 00032A

 000114

 000000

 A370DF

 A370DF

 975ADF

 AF86DF

 8B43DF

 BB9DDF

 7F2DDF

 C7B3DF

 7317DF

 D3C9DF

 6701DF

 DFE0DF

 6600DF

 EBF6DF

 F7FFDF

 FFFFDF

# Harmonies

## Analogous

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



1888F8



A370DF



DA56AF

# Triad

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



A370DF



C1780D



00A29B

# Complementary

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



A370DF



ACDF70

# 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.



00A060



A370DF



918C00

# Square

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



A370DF



E25F42



529928



00A0D0

# Rectangle

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



A370DF



EA4D8A



529928



00A287



# Sweetspot

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



A370DF



EAD9FF



70ADDF



736980



000000



808080



# Same Dimension

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



A370DF



AC66FF



D970DF



6A6570



5100B0



160030



# Inverse Universe

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



DF70AC



FF66B9



76DF70



70656B



B0005F

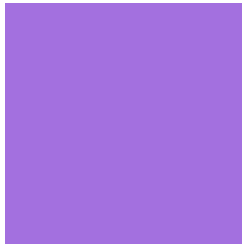


30001A



# Previews

## White Background



This preview shows how the Hex color A370DF 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

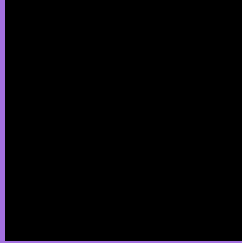
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A370DF Background



This preview shows how black text looks on a background with the Hex color A370DF.

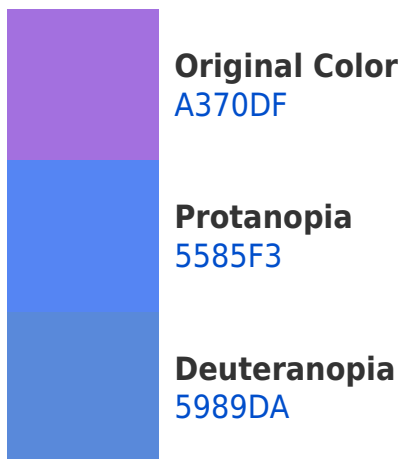


This preview shows how white text looks on a background with the Hex color A370DF.

# 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](#).

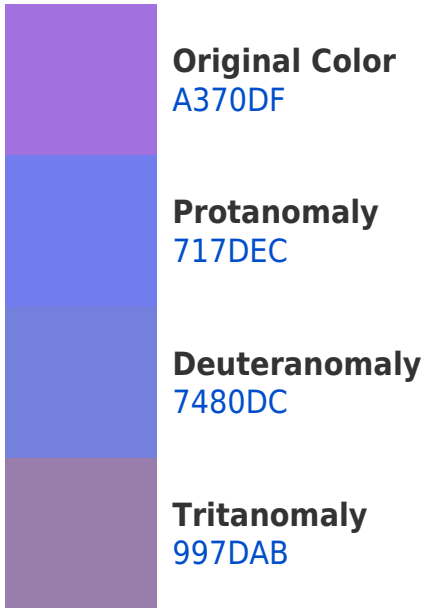
## Dichromacy



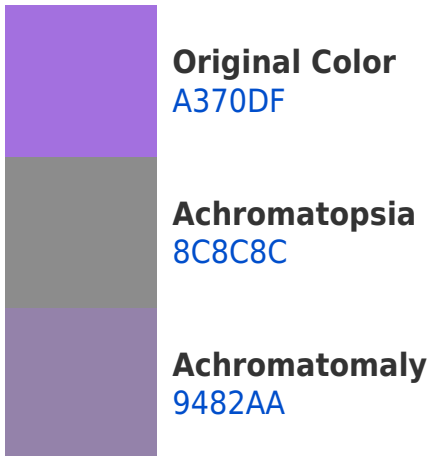


**Tritanopia**  
94848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A370DF 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 #A370DF looks like.

```
.text, #text, p{  
    color:#A370DF  
}
```

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 #A370DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A370DF
}
```

## Border

The CSS property to change the border of an element to Hex A370DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

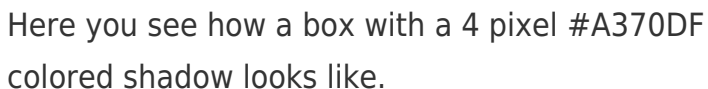
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A370DF }
```

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

```
.border{ border-color:#A370DF }
```

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



Here you see how a box with a 4 pixel `#A370DF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A370DF; -webkit-box-shadow:4px 4px  
4px 4px #A370DF; box-shadow:4px 4px 4px  
4px #A370DF }
```

# Background

The CSS property to change the background color of an element to Hex A370DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A370DF }
```

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

```
.background{ background-color:#A370DF }
```

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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