

# Converting Colors

Hex(A368DF)

Have a look what the booklet for  
Hex(A368DF) contains.

<b>Hex(A368DF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(A368DF)

# Conversions

## Conversions Part 1

Format	Color
Hex	A368DF
RGB	163, 104, 223
RGB Percent	64%, 41%, 87%
CMY	0.3608, 0.5922, 0.1255
CMYK	0.27, 0.53, 0.00, 0.13
HSL	270°, 65%, 64%
HSV	270°, 53%, 87%
XYZ	33.3739, 23.0149, 72.4954
YIQ	135.2070, -3.0350, 49.5170

# Conversions

## Conversions Part 2

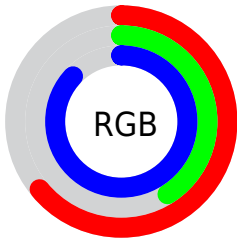
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">163, 104, 223</a>
Decimal	<a href="#">10709215</a>
CIELab	<a href="#">55.09, 46.33, -52.08</a>
CIELCh	<a href="#">55, 69.703, 311.659</a>
Yxy	<a href="#">23.0149, 0.2589, 0.1786</a>
Android (android.graphics.Color)	<a href="#">4288899295 (0xFFA368DF)</a>
YUV	<a href="#">135.2070, 43.2819, 24.3745</a>
Hunter-Lab	<a href="#">47.9738, 40.2226, -56.0141</a>

# Details

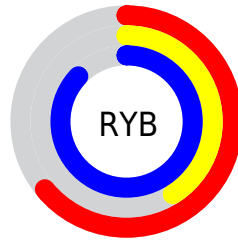
The Hex color **A368DF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A4DF68**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **DC9DFF**, and **6B36A7** is the 20% darker color. If you saturate the color by 10%, you get **9852DF**, and if you desaturate by 10%, it is **AE7EDF**.

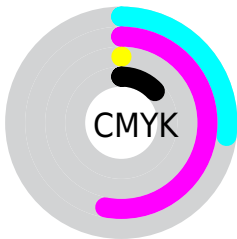
# Distribution



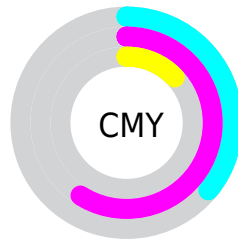
- Red (64%)
- Green (41%)
- Blue (87%)



- Red (64%)
- Yellow (41%)
- Blue (87%)



- Cyan (27%)
- Magenta (53%)
- Yellow (0%)
- Black (13%)



- Cyan (36%)
- Magenta (59%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A368DF 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 A368DF by changing the saturation by 10% instead.



 A368DF

 A368DF

FFFFFF

 874FC3

 DC9DFF

 6B36A7

 FAB8FF

 501C8C

 FFD5FF

 340072

 FFF1FF

 160059

 000041

 000329

 000113

 000000

 A368DF

 A368DF

 9852DF

 AE7EDF

 8D3BDF

 B995DF

 8125DF

 C5ABDF

 760FDF

 D0C1DF

 6F00DF

 DBD8DF

 E6EEDF

 F2FFDF

 FDFFDF

 FFFFDF

# Harmonies

## Analogous

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



0083FB



A368DF



DC4AAB

# Triad

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



A368DF



BD7300



009F9B

# Complementary

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



A368DF



A4DF68

# 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.



009D5B



A368DF



898900

# Square

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



A368DF



E15736



43961B



009DD3

# Rectangle

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



A368DF



EC3F83



43961B



009F86



# Sweetspot

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



A368DF



EAD6FF



68A5DF



736780



000000



808080



# Same Dimension

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



A368DF



AD5CFF



DD68DF



6B6570



5700B0



180030



# Inverse Universe

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



DF68A4



FF5CAE



6ADF68



70656B



B00059

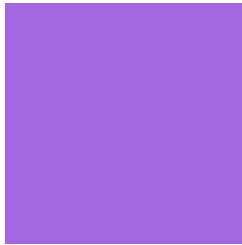


300018



# Previews

## White Background



This preview shows how the Hex color A368DF looks on a white background.

## Color Contrast Check

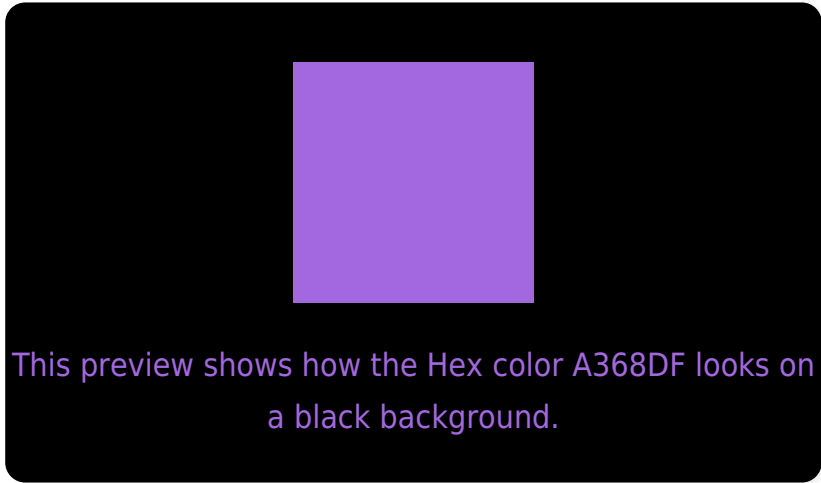
Large Text (above 18pt) WCAG AA ✓ Pass

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 A368DF Background



This preview shows how black text looks on a background with the Hex color A368DF.

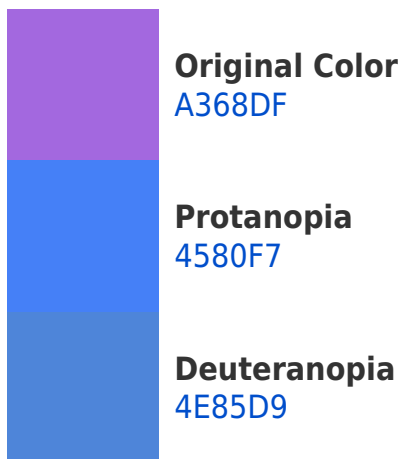


This preview shows how white text looks on a background with the Hex color A368DF.

# 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](#).

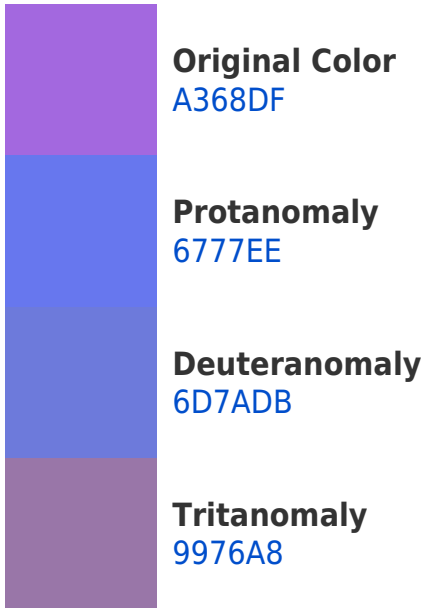
## Dichromacy



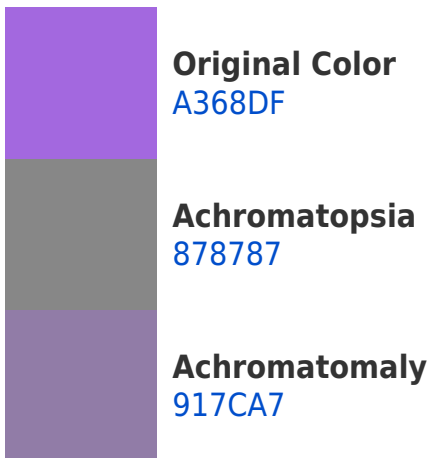


**Tritanopia**  
937E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A368DF 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 #A368DF looks like.

```
.text, #text, p{  
    color:#A368DF  
}
```

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 #A368DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A368DF
}
```

## Border

The CSS property to change the border of an element to Hex A368DF 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
#A368DF }
```

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

```
.border{ border-color:#A368DF }
```

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

Here you see how a box with a 4 pixel #A368DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A368DF; -webkit-box-shadow:4px 4px  
4px 4px #A368DF; box-shadow:4px 4px 4px  
4px #A368DF }
```

# Background

The CSS property to change the background color of an element to Hex A368DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A368DF }
```

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

```
.background{ background-color:#A368DF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor