

# Converting Colors

Hex(AA8DF3)

Have a look what the booklet for  
Hex(AA8DF3) contains.

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# Color

**Hex(AA8DF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA8DF3
RGB	170, 141, 243
RGB Percent	67%, 55%, 95%
CMY	0.3333, 0.4471, 0.0471
CMYK	0.30, 0.42, 0.00, 0.05
HSL	257°, 81%, 75%
HSV	257°, 42%, 95%
XYZ	42.2801, 34.0669, 89.1412
YIQ	161.2990, -15.4580, 37.8700

# Conversions

## Conversions Part 2

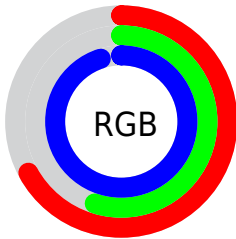
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">170, 141, 243</a>
Decimal	<a href="#">11177459</a>
CIELab	<a href="#">65.02, 32.48, -47.42</a>
CIELCh	<a href="#">65, 57.472, 304.409</a>
Yxy	<a href="#">34.0669, 0.2555, 0.2059</a>
Android (android.graphics.Color)	<a href="#">4289367539 (0xFFAA8DF3)</a>
YUV	<a href="#">161.2990, 40.2786, 7.6308</a>
Hunter-Lab	<a href="#">58.3668, 27.1609, -49.6943</a>

# Details

The Hex color **AA8DF3** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D6F38D**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E3C3FF**, and **735ABA** is the 20% darker color. If you saturate the color by 10%, you get **9975F3**, and if you desaturate by 10%, it is **BBA5F3**.

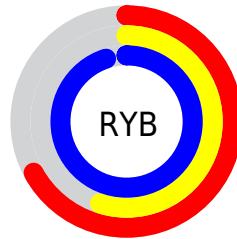
# Distribution



Red (67%)

Green (55%)

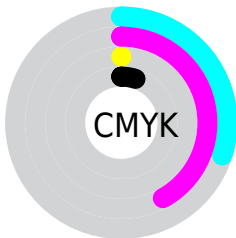
Blue (95%)



Red (67%)

Yellow (55%)

Blue (95%)

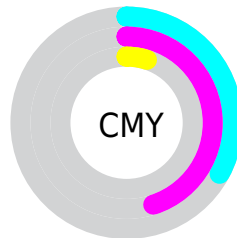


Cyan (30%)

Magenta (42%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (45%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA8DF3 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 AA8DF3 by changing the saturation by 10% instead.



■ AA8DF3

■ AA8DF3

FFFFFF

■ 8E73D6

■ E3C3FF

■ 735ABA

■ FFDFFF

■ 58429F

■ FFFCFF

■ 3D2C84

■ 1F166B

■ 000052

■ 00003A

■ 000223

■ 00000B

■ AA8DF3

■ AA8DF3

■ 9975F3

■ BBA5F3

■ 875CF3

■ CDBEF3

■ 7644F3

■ DED6F3

■ 642CF3

■ F0EEF3

■ 5314F3

■ FFFFF3

■ 4500F3

# Harmonies

## Analogous

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



3DA1FF



AA8DF3



E278CB

# Triad

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



AA8DF3



DD8B3F



00B7A4

# Complementary

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



AA8DF3



D6F38D

# 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.



28B46F



AA8DF3



B39E2F

# Square

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



AA8DF3



F77866



7DAB43



00B6D7

# Rectangle

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



AA8DF3



F670AA



7DAB43



00B692



# Sweetspot

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



AA8DF3



E7DEFF



8DD6F3



716B80



000000



808080



# Same Dimension

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



AA8DF3



A480FF



DD8DF3



726E7A



3500BA



11003B



# Inverse Universe

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



F38DD6



FF80DB



A3F38D



7A6E77



BA0085

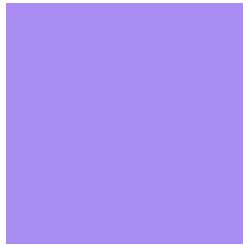


3B002A



# Previews

## White Background



This preview shows how the Hex color AA8DF3 looks on a white background.

## Color Contrast Check

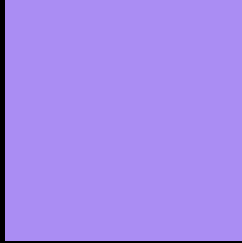
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color AA8DF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

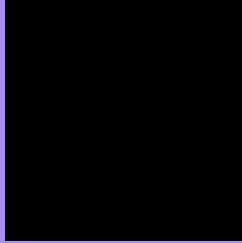
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AA8DF3 Background



This preview shows how black text looks on a background with the Hex color AA8DF3.

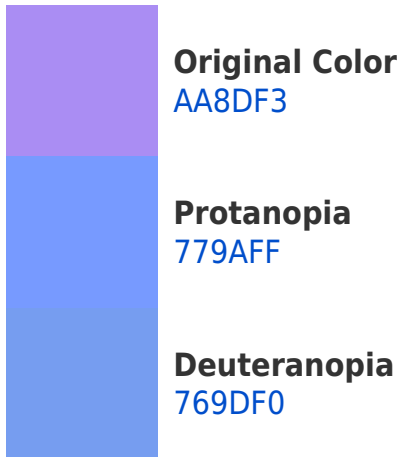


This preview shows how white text looks on a background with the Hex color AA8DF3.

# 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](#).

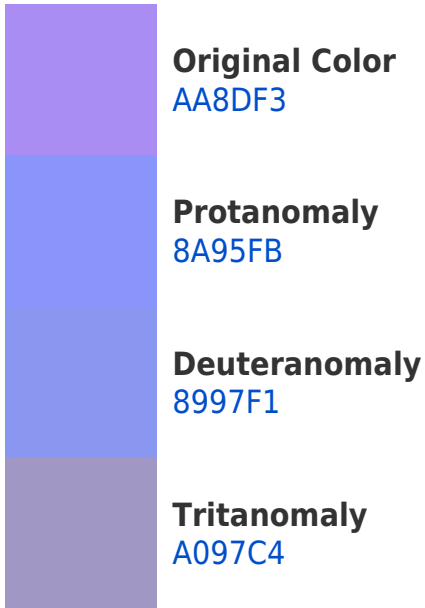
## Dichromacy



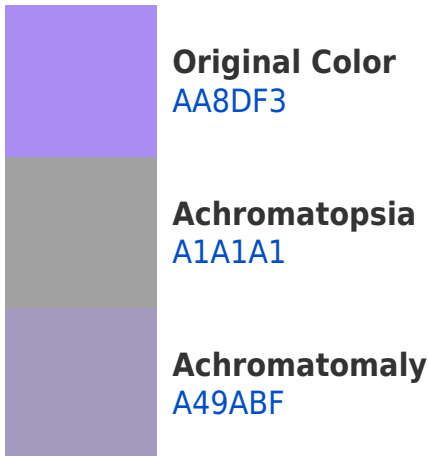


**Tritanopia**  
9B9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA8DF3 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 #AA8DF3 looks like.

```
.text, #text, p{  
    color:#AA8DF3  
}
```

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 #AA8DF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA8DF3  
}
```

## Border

The CSS property to change the border of an element to Hex AA8DF3 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  
#AA8DF3 }
```

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

```
.border{ border-color:#AA8DF3 }
```

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

Here you see how a box with a 4 pixel #AA8DF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA8DF3; -webkit-box-shadow:4px 4px  
4px 4px #AA8DF3; box-shadow:4px 4px 4px  
4px #AA8DF3 }
```

# Background

The CSS property to change the background color of an element to Hex AA8DF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA8DF3 }
```

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

```
.background{ background-color:#AA8DF3 }
```

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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