

# Converting Colors

Hex(AD9EF8)

Have a look what the booklet for  
Hex(AD9EF8) contains.

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# **Color**

**Hex(AD9EF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AD9EF8
RGB	173, 158, 248
RGB Percent	68%, 62%, 97%
CMY	0.3216, 0.3804, 0.0275
CMYK	0.30, 0.36, 0.00, 0.03
HSL	250°, 87%, 80%
HSV	250°, 36%, 97%
XYZ	46.4037, 40.1153, 94.1042
YIQ	172.7450, -19.9500, 31.1700

# Conversions

## Conversions Part 2

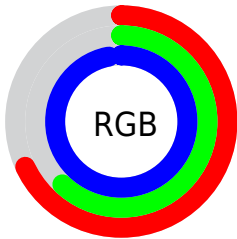
Format	Color
R <sub>Y</sub> B	173, 158, 248
Decimal	11378424
CIE Lab	69.55, 24.95, -43.01
CIE LCh	70, 49.720, 300.122
Yxy	40.1153, 0.2569, 0.2221
Android (android.graphics.Color)	4289568504 (0xFFAD9EF8)
YUV	172.7450, 37.1007, 0.2236
Hunter-Lab	63.3366, 19.9394, -43.7562

# Details

The Hex color **AD9EF8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E9F89E**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **E6D5FF**, and **766BBF** is the 20% darker color. If you saturate the color by 10%, you get **9885F8**, and if you desaturate by 10%, it is **C2B7F8**.

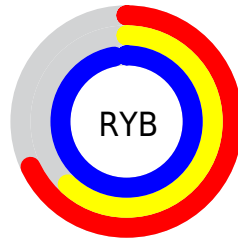
# Distribution



Red (68%)

Green (62%)

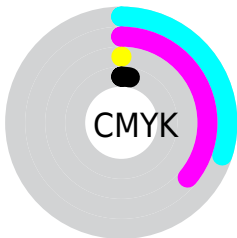
Blue (97%)



Red (68%)

Yellow (62%)

Blue (97%)

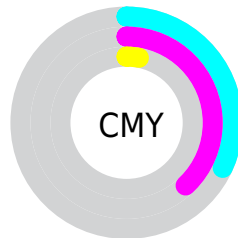


Cyan (30%)

Magenta (36%)

Yellow (0%)

Black (3%)



Cyan (32%)

Magenta (38%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD9EF8 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 AD9EF8 by changing the saturation by 10% instead.



 AD9EF8

 AD9EF8

FFFFFF

 9184DB

 E6D5FF

 766BBF

 FFF1FF

 5B52A4

 413B89

 25256F

 001156

 00003F

 000328

 000111

 AD9EF8

 AD9EF8

 9885F8

 C2B7F8

 846CF8

 D6D0F8

 6F54F8

 EBE8F8

 5A3BF8

 FFFFF8

 4622F8

 3109F8

 2900F8

# Harmonies

## Analogous

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



59AFFF



AD9EF8



E28DD8

# Triad

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



AD9EF8



E8975C



00C1A9

# Complementary

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



AD9EF8



E9F89E

# 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.



5DBD7B



AD9EF8



C4A74D

# Square

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



AD9EF8



FD897F



97B559



00C0D6

# Rectangle

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



AD9EF8



F686BB



97B559



14C099



# Sweetspot

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



AD9EF8



E8E3FF



9EE9F8



726F80



000000



808080



# Same Dimension

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



AD9EF8



A28FFF



DA9EF8



73707D



1F00BD



0A003D



# Inverse Universe

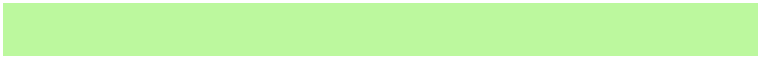
The Inverse Universe completely reimagines the original color for something new.



F89EE9



FF8FEC



BCF89E



7D707B



BD009D

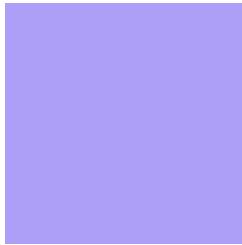


3D0033



# Previews

## White Background



This preview shows how the Hex color AD9EF8 looks on a white background.

## Color Contrast Check

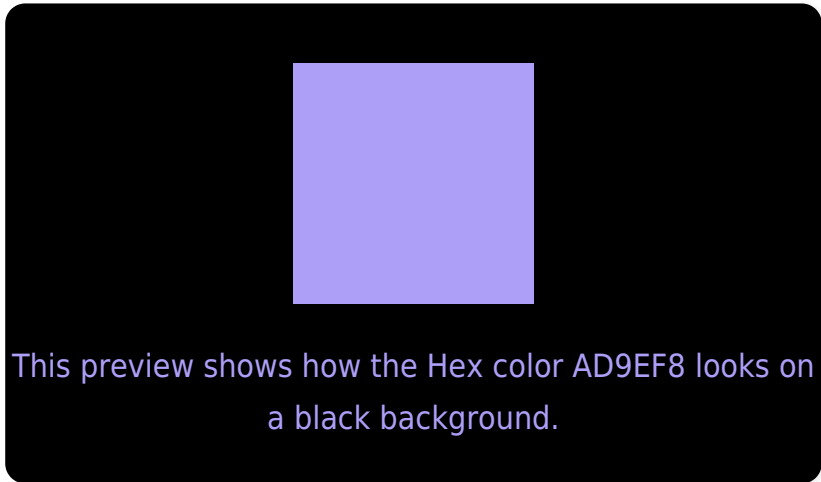
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

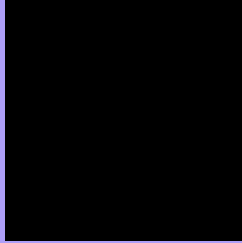
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AD9EF8 Background



This preview shows how black text looks on a background with the Hex color AD9EF8.

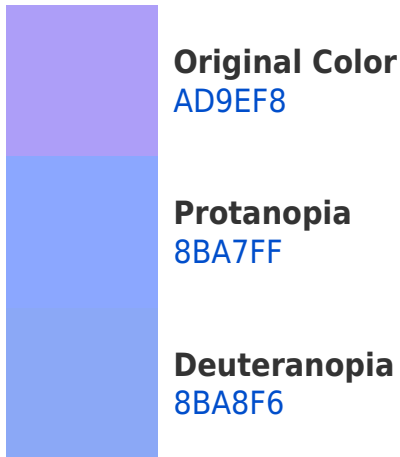


This preview shows how white text looks on a background with the Hex color AD9EF8.

# 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](#).

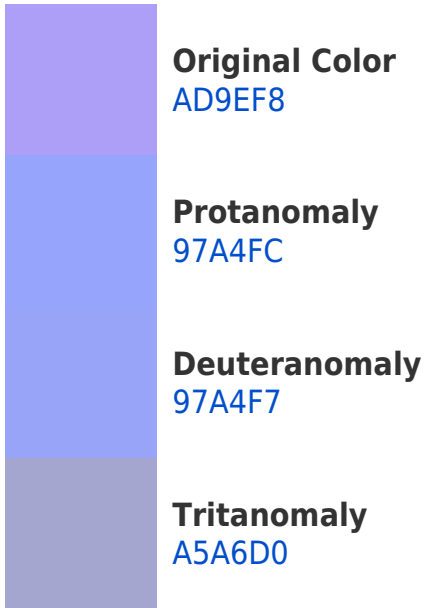
## Dichromacy



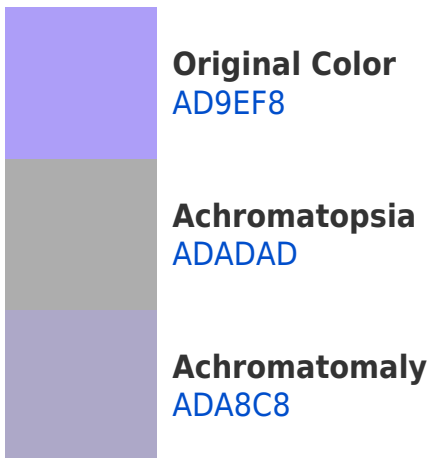


**Tritanopia**  
A0ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD9EF8 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 #AD9EF8 looks like.

```
.text, #text, p{  
    color:#AD9EF8  
}
```

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 #AD9EF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD9EF8
}
```

## Border

The CSS property to change the border of an element to Hex AD9EF8 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
#AD9EF8 }
```

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

```
.border{ border-color:#AD9EF8 }
```

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

Here you see how a box with a 4 pixel #AD9EF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD9EF8; -webkit-box-shadow:4px 4px  
4px 4px #AD9EF8; box-shadow:4px 4px 4px  
4px #AD9EF8 }
```

# Background

The CSS property to change the background color of an element to Hex AD9EF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD9EF8 }
```

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

```
.background{ background-color:#AD9EF8 }
```

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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