

# Converting Colors

Hex(AE8EF2)

Have a look what the booklet for  
Hex(AE8EF2) contains.

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# Color

Hex(AE8EF2)

# Conversions

## Conversions Part 1

Format	Color
Hex	AE8EF2
RGB	174, 142, 242
RGB Percent	68%, 56%, 95%
CMY	0.3176, 0.4431, 0.0510
CMYK	0.28, 0.41, 0.00, 0.05
HSL	259°, 79%, 75%
HSV	259°, 41%, 95%
XYZ	43.1556, 34.7555, 88.4383
YIQ	162.9680, -13.0280, 37.8840

# Conversions

## Conversions Part 2

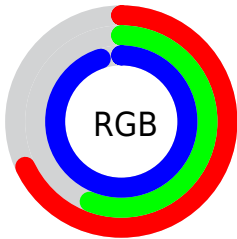
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 142, 242
Decimal	11439858
CIELab	65.56, 32.76, -45.99
CIELCh	66, 56.462, 305.462
Yxy	34.7555, 0.2594, 0.2089
Android (android.graphics.Color)	4289629938 (0xFFAE8EF2)
YUV	162.9680, 38.9628, 9.6751
Hunter-Lab	58.9538, 27.4972, -47.6751

# Details

The Hex color **AE8EF2** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D2F28E**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **E7C4FF**, and **775BB9** is the 20% darker color. If you saturate the color by 10%, you get **9E76F2**, and if you desaturate by 10%, it is **BEA6F2**.

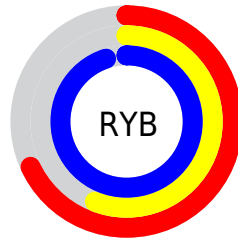
# Distribution



Red (68%)

Green (56%)

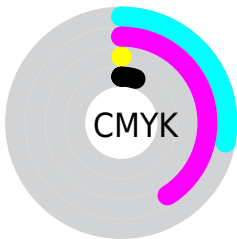
Blue (95%)



Red (68%)

Yellow (56%)

Blue (95%)

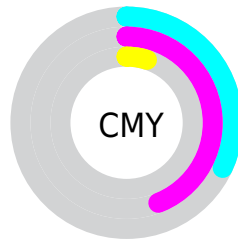


Cyan (28%)

Magenta (41%)

Yellow (0%)

Black (5%)



Cyan (32%)

Magenta (44%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE8EF2 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 AE8EF2 by changing the saturation by 10% instead.



 AE8EF2

 AE8EF2

FFFFFF

 9274D5

 E7C4FF

 775BB9

 FFE0FF

 5C439E

 FFFDFD

 412C84

 25166A

 010151

 000039

 000223

 000009

 AE8EF2

 AE8EF2

 9E76F2

 BEA6F2

 8D5EF2

 CFBEF2

 7D45F2

 DFD7F2

 6C2DF2

 F0EFF2

 5C15F2

 FFFFF2

 4D00F2

# Harmonies

## Analogous

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



4AA2FF



AE8EF2



E47ACA

# Triad

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



AE8EF2



DC8D42



00B8A7

# Complementary

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



AE8EF2



D2F28E

# 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.



2AB573



AE8EF2



B2A033

# Square

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



AE8EF2



F77A67



7DAD48



00B7D9

# Rectangle

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



AE8EF2



F772A9



7DAD48



00B896



# Sweetspot

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



AE8EF2



EAE0FF



8ED2F2



736E80



000000



808080



# Same Dimension

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



AE8EF2



A880FF



E08EF2



706C78



3B00B8



120038



# Inverse Universe

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



F28ED2



FF80D6



A0F28E



786C74



B8007D

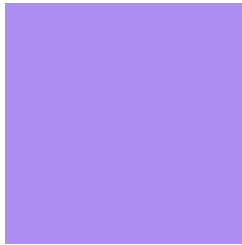


380026



# Previews

## White Background



This preview shows how the Hex color AE8EF2 looks on a white background.

## Color Contrast Check

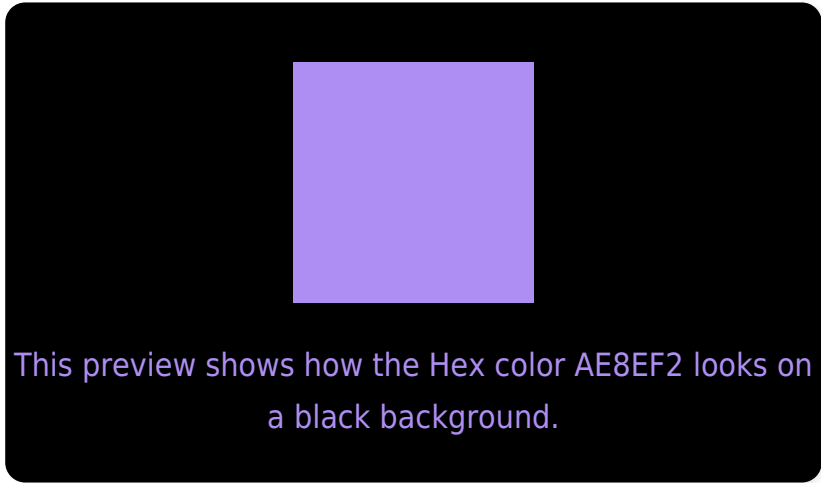
Large Text (above 18pt) WCAG AA × Fail

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

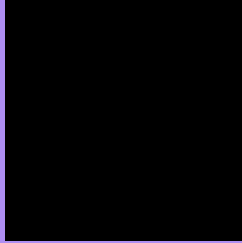
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AE8EF2 Background



This preview shows how black text looks on a background with the Hex color AE8EF2.



This preview shows how white text looks on a background with the Hex color AE8EF2.

# 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](#).

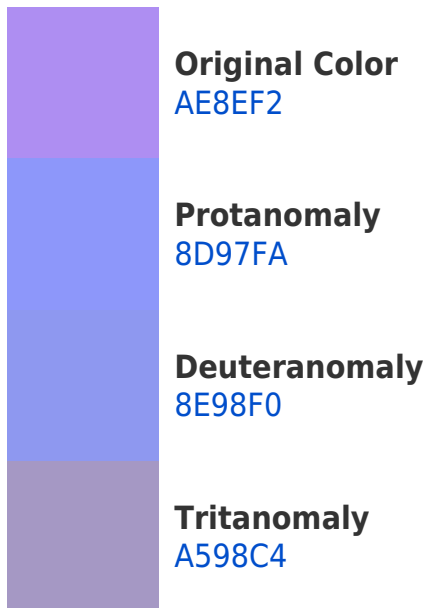
## Dichromacy



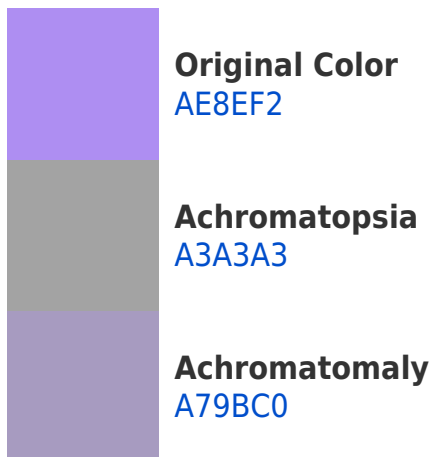


**Tritanopia**  
A09EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE8EF2 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 #AE8EF2 looks like.

```
.text, #text, p{  
    color:#AE8EF2  
}
```

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 #AE8EF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE8EF2
}
```

## Border

The CSS property to change the border of an element to Hex AE8EF2 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
#AE8EF2 }
```

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

```
.border{ border-color:#AE8EF2 }
```

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

Here you see how a box with a 4 pixel #AE8EF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE8EF2; -webkit-box-shadow:4px 4px  
4px 4px #AE8EF2; box-shadow:4px 4px 4px  
4px #AE8EF2 }
```

# Background

The CSS property to change the background color of an element to Hex AE8EF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE8EF2 }
```

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

```
.background{ background-color:#AE8EF2 }
```

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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