

# Converting Colors

Hex(AE10EF)

Have a look what the booklet for  
Hex(AE10EF) contains.

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**Color**

**Hex(AE10EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE10EF
RGB	174, 16, 239
RGB Percent	68%, 6%, 94%
CMY	0.3176, 0.9373, 0.0627
CMYK	0.27, 0.93, 0.00, 0.06
HSL	283°, 87%, 50%
HSV	283°, 93%, 94%
XYZ	33.2208, 15.6012, 82.9218
YIQ	88.6640, 22.5850, 102.8490

# Conversions

## Conversions Part 2

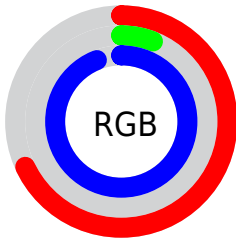
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 16, 239
Decimal	11407599
CIELab	46.45, 83.04, -74.97
CIELCh	46, 111.876, 317.921
Yxy	15.6012, 0.2522, 0.1184
Android (android.graphics.Color)	4289597679 (0xFFAE10EF)
YUV	88.6640, 74.1156, 74.8397
Hunter-Lab	39.4984, 81.0083, -96.8227

# Details

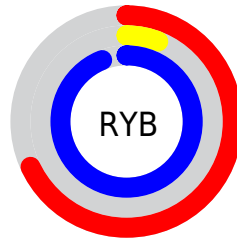
The Hex color **AE10EF** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **51EF10**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **EB5DFF**, and **7200B6** is the 20% darker color. If you saturate the color by 10%, you get **A900EF**, and if you desaturate by 10%, it is **B528EF**.

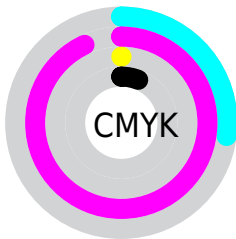
# Distribution



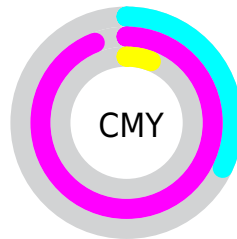
- Red (68%)
- Green (6%)
- Blue (94%)



- Red (68%)
- Yellow (6%)
- Blue (94%)



- Cyan (27%)
- Magenta (93%)
- Yellow (0%)
- Black (6%)



- Cyan (32%)
- Magenta (94%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE10EF 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 AE10EF by changing the saturation by 10% instead.



 AE10EF

 AE10EF

FFFFFF

 9000D2

 EB5DFF

 7200B6

 FF7BFF

 53009A

 FF99FF

 33007F

 FFB6FF

 070065

 FFD4FF

 00004C

 FFF2FF

 000434

 00021E

 000000

 AE10EF

 AE10EF

 A900EF

 B528EF

 BC40EF

 C358EF

 CA70EF

 D187EF

 D89FEF

 DFB7EF

 E6CFEF

 EDE7EF

# Harmonies

## Analogous

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



0069FF



AE10EF



F90098

# Triad

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



AE10EF



A55C00



0090A6

# Complementary

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



AE10EF



51EF10

# 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.



008D43



AE10EF



4F7B00

# Square

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



AE10EF



E30000



008800



0090FB

# Rectangle

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



AE10EF



FF005B



008800



008F86



# Sweetspot

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



AE10EF



EAB8FF



1053EF



735480



000000



808080



# Same Dimension

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



AE10EF



B500FF



EF10C2



746C78



8200B8



280038



# Inverse Universe

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



EF1051



FF004A



10EF3D



786C6F



B80036

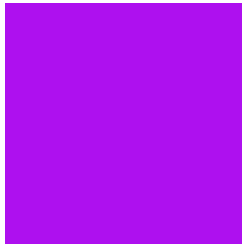


380010



# Previews

## White Background



This preview shows how the Hex color AE10EF looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

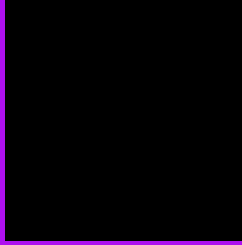
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AE10EF Background



This preview shows how black text looks on a background with the Hex color AE10EF.



This preview shows how white text looks on a background with the Hex color AE10EF.

# 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](#).

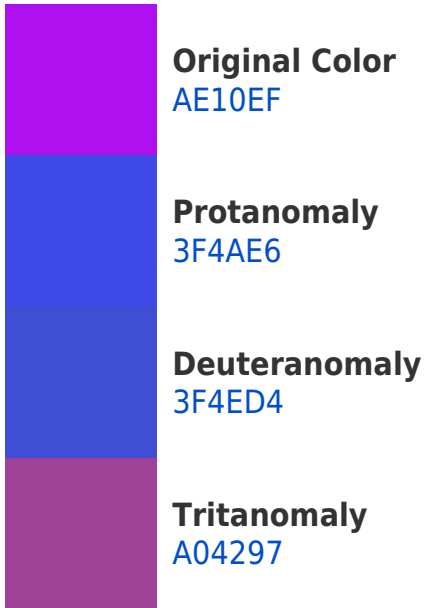
## Dichromacy



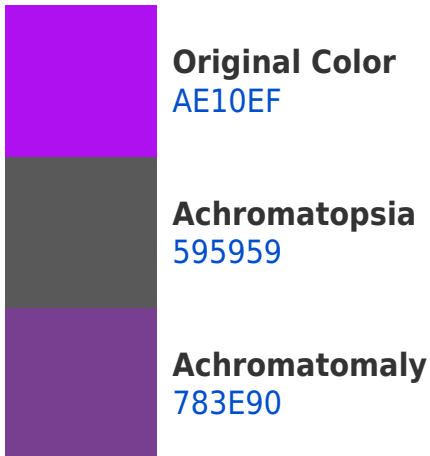


**Tritanopia**  
985E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE10EF 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 #AE10EF looks like.

```
.text, #text, p{  
    color:#AE10EF  
}
```

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 #AE10EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE10EF
}
```

## Border

The CSS property to change the border of an element to Hex AE10EF 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
#AE10EF }
```

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

```
.border{ border-color:#AE10EF }
```

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

Here you see how a box with a 4 pixel #AE10EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE10EF; -webkit-box-shadow:4px 4px  
4px 4px #AE10EF; box-shadow:4px 4px 4px  
4px #AE10EF }
```

# Background

The CSS property to change the background color of an element to Hex AE10EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE10EF }
```

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

```
.background{ background-color:#AE10EF }
```

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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