

# Converting Colors

Hex(AA96EE)

Have a look what the booklet for  
Hex(AA96EE) contains.

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# Color

**Hex(AA96EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA96EE
RGB	170, 150, 238
RGB Percent	67%, 59%, 93%
CMY	0.3333, 0.4118, 0.0667
CMYK	0.29, 0.37, 0.00, 0.07
HSL	254°, 72%, 76%
HSV	254°, 37%, 93%
XYZ	42.9165, 36.5318, 85.6783
YIQ	166.0120, -16.3280, 31.6080

# Conversions

## Conversions Part 2

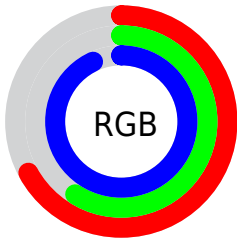
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 150, 238
Decimal	11179758
CIE <sub>Lab</sub>	66.92, 26.16, -41.67
CIE <sub>LCh</sub>	67, 49.199, 302.116
Yxy	36.5318, 0.2599, 0.2212
Android (android.graphics.Color)	4289369838 (0xFFAA96EE)
YUV	166.0120, 35.4901, 3.4975
Hunter-Lab	60.4415, 20.9713, -41.7369

# Details

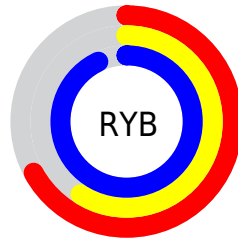
The Hex color **AA96EE** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DAEE96**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E3CCFF**, and **7363B6** is the 20% darker color. If you saturate the color by 10%, you get **987EEE**, and if you desaturate by 10%, it is **BCAEED**.

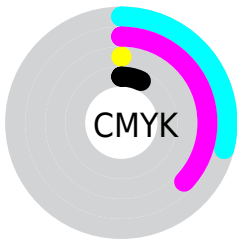
# Distribution



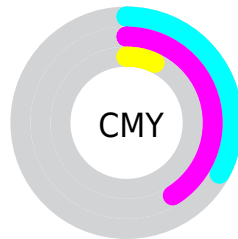
- Red (67%)
- Green (59%)
- Blue (93%)



- Red (67%)
- Yellow (59%)
- Blue (93%)



- Cyan (29%)
- Magenta (37%)
- Yellow (0%)
- Black (7%)



- Cyan (33%)
- Magenta (41%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA96EE 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 AA96EE by changing the saturation by 10% instead.



■ AA96EE

■ AA96EE

FFFFFF

■ 8E7CD1

■ E3CCFF

■ 7363B6

■ FFE9FF

■ 594B9A

■ 3F3480

■ 231E67

■ 000A4E

■ 000037

■ 000220

■ 000005

AA96EE

AA96EE

987EEE

BCAEEE

8566EE

CFC6EE

734FEE

E1DDEE

6037EE

F4F5EE

4E1FEE

FFFFEE

3C07EE

3600EE

# Harmonies

## Analogous

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



59A6FB



AA96EE



DC85CD

# Triad

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



AA96EE



DE9155



00B9A5

# Complementary

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



AA96EE



DAEE96

# 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.



52B678



AA96EE



BAA147

# Square

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



AA96EE



F38376



8CAE55



00B8D1

# Rectangle

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



AA96EE



EF7FB0



8CAE55



00B995



# Sweetspot

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



AA96EE



E9E3FF



96DBEE



736F80



000000



808080



# Same Dimension

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



AA96EE



A88FFF



D596EE



6F6C78



2A00B8



0D0038



# Inverse Universe

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



EE96DA



FF8FE5



AFEE96



786C75



B8008E



38002B



# Previews

## White Background



This preview shows how the Hex color AA96EE looks on a white background.

## Color Contrast Check

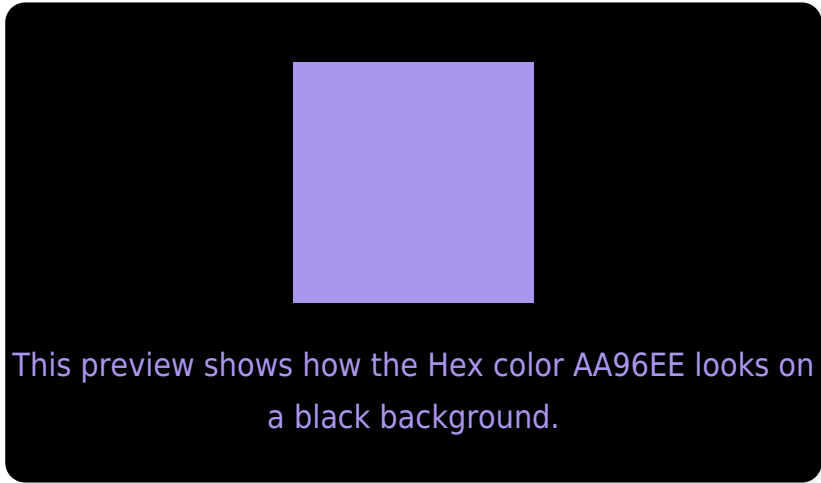
Large Text (above 18pt) WCAG AA × Fail

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 AA96EE Background



This preview shows how black text looks on a background with the Hex color AA96EE.

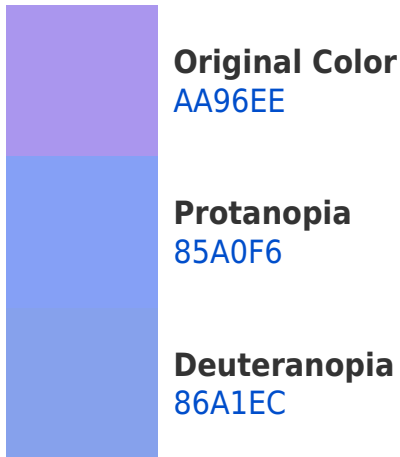


This preview shows how white text looks on a background with the Hex color AA96EE.

# 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](#).

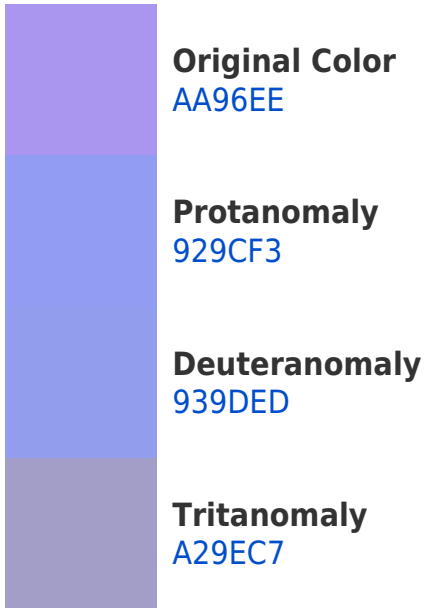
## Dichromacy



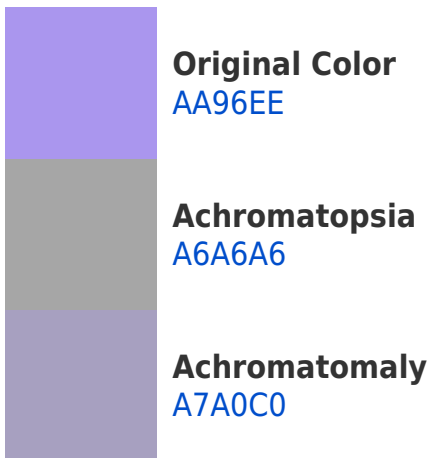


**Tritanopia**  
9EA3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA96EE 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 #AA96EE looks like.

```
.text, #text, p{  
    color:#AA96EE  
}
```

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 #AA96EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA96EE
}
```

## Border

The CSS property to change the border of an element to Hex AA96EE 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
#AA96EE }
```

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

```
.border{ border-color:#AA96EE }
```

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

Here you see how a box with a 4 pixel #AA96EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA96EE; -webkit-box-shadow:4px 4px  
4px 4px #AA96EE; box-shadow:4px 4px 4px  
4px #AA96EE }
```

# Background

The CSS property to change the background color of an element to Hex AA96EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA96EE }
```

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

```
.background{ background-color:#AA96EE }
```

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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