

Converting Colors

Hex(AA74EF)

Have a look what the booklet for
Hex(AA74EF) contains.

Hex(AA74EF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AA74EF)

Conversions

Conversions Part 1

Format	Color
Hex	AA74EF
RGB	170, 116, 239
RGB Percent	67%, 45%, 94%
CMY	0.3333, 0.5451, 0.0627
CMYK	0.29, 0.51, 0.00, 0.06
HSL	266°, 79%, 70%
HSV	266°, 51%, 94%
XYZ	38.4029, 27.2688, 84.9007
YIQ	146.1680, -7.2990, 49.7010

Conversions

Conversions Part 2

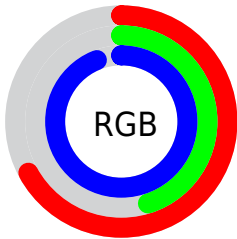
Format	Color
R _Y B	170, 116, 239
Decimal	11171055
CIE Lab	59.22, 45.41, -54.39
CIE LCh	59, 70.851, 309.856
Yxy	27.2688, 0.2550, 0.1811
Android (android.graphics.Color)	4289361135 (0xFFAA74EF)
YUV	146.1680, 45.7662, 20.9007
Hunter-Lab	52.2196, 39.8870, -59.8424

Details

The Hex color **AA74EF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B9EF74**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **E4A9FF**, and **7241B6** is the 20% darker color. If you saturate the color by 10%, you get **9D5CEF**, and if you desaturate by 10%, it is **B78CEF**.

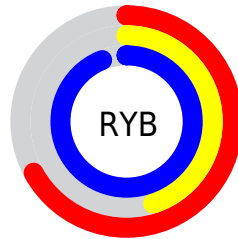
Distribution



Red (67%)

Green (45%)

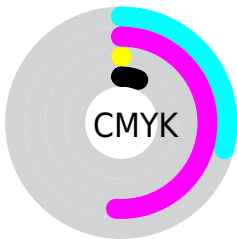
Blue (94%)



Red (67%)

Yellow (45%)

Blue (94%)

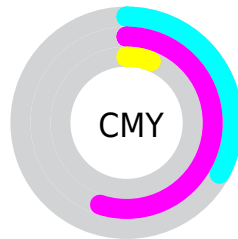


Cyan (29%)

Magenta (51%)

Yellow (0%)

Black (6%)



Cyan (33%)

Magenta (55%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA74EF 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 AA74EF by changing the saturation by 10% instead.

 AA74EF

 AA74EF

FFFFFF

 8E5AD2

 E4A9FF

 7241B6

 FFC5FF

 56299B

 FFE1FF

 3A0F80

FFFEFF

 1B0067

 00004E

 000536

 000220

 000003

■ AA74EF

■ AA74EF

■ 9D5CEF

■ B78CEF

■ 8F44EF

■ C5A4EF

■ 822CEF

■ D2BCEF

■ 7414EF

■ E0D4EF

■ 6900EF

■ EDEBEF

■ FAFFEF

■ FFFFEF

Harmonies

Analogous

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



008FFF



AA74EF



E756BB

Triad

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



AA74EF



CD7C00



00ABA2

Complementary

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



AA74EF



B9EF74

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.



00A861



AA74EF



989200

Square

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



AA74EF



F15F41



53A121



00A9DD

Rectangle

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



AA74EF



FA4B92



53A121



00AA8C

Sweetspot

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



AA74EF



EAD9FF



74BAEF



736980



000000



808080

Same Dimension

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



AA74EF



A661FF



E774EF



716C78



5100B8



190038

Inverse Universe

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



EF74B9



FF61BA



7CEF74



786C73



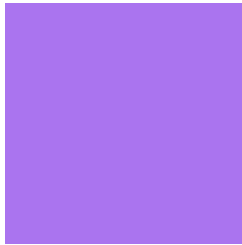
B80067



38001F

Previews

White Background



This preview shows how the Hex color AA74EF looks on a white background.

Color Contrast Check

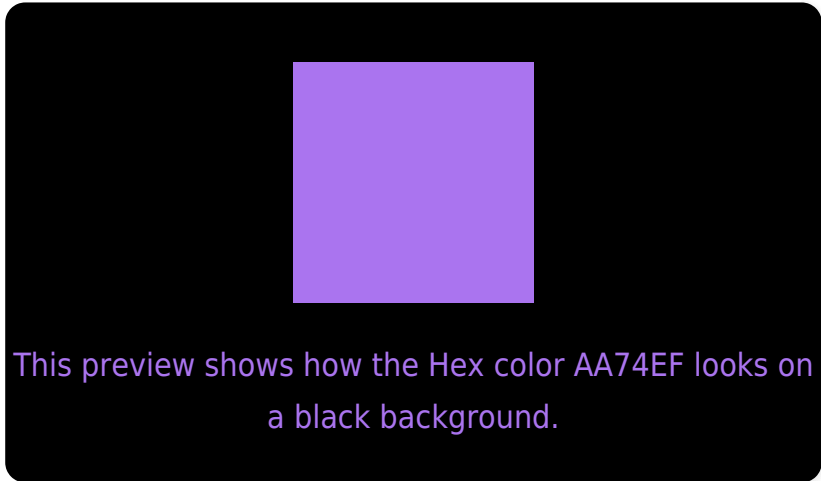
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex AA74EF Background



This preview shows how black text looks on a background with the Hex color AA74EF.

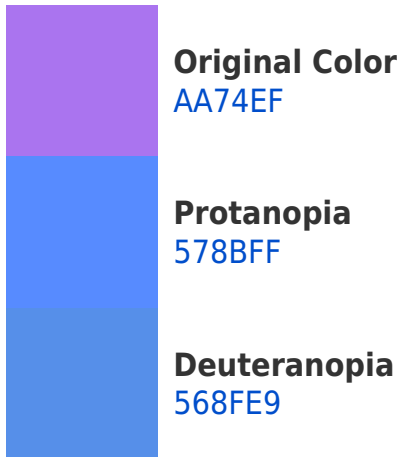



This preview shows how white text looks on a background with the Hex color AA74EF.

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](#).

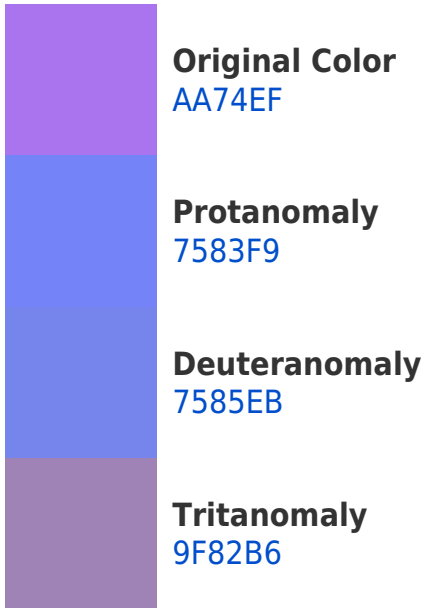
Dichromacy





Tritanopia
998A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA74EF 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 #AA74EF looks like.

```
.text, #text, p{  
    color:#AA74EF  
}
```

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 #AA74EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA74EF
}
```

Border

The CSS property to change the border of an element to Hex AA74EF 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
#AA74EF }
```

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

```
.border{ border-color:#AA74EF }
```

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

Here you see how a box with a 4 pixel #AA74EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA74EF; -webkit-box-shadow:4px 4px  
4px 4px #AA74EF; box-shadow:4px 4px 4px  
4px #AA74EF }
```

Background

The CSS property to change the background color of an element to Hex AA74EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA74EF }
```

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

```
.background{ background-color:#AA74EF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor