

# Converting Colors

Hex(AAAEFF)

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

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# **Color**

**Hex(AAAEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAAEFF
RGB	170, 174, 255
RGB Percent	67%, 68%, 100%
CMY	0.3333, 0.3176, 0.0000
CMYK	0.33, 0.32, 0.00, 0.00
HSL	237°, 100%, 83%
HSV	237°, 33%, 100%
XYZ	49.7636, 46.0382, 100.8712
YIQ	182.0380, -28.3850, 24.3430

# Conversions

## Conversions Part 2

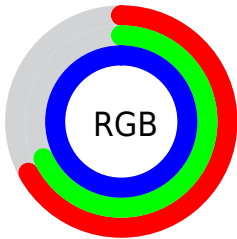
Format	Color
<a href="#">RYB</a>	<a href="#">170, 174, 255</a>
Decimal	<a href="#">11185919</a>
CIELab	<a href="#">73.57, 16.91, -40.54</a>
CIELCh	<a href="#">74, 43.924, 292.645</a>
Yxy	<a href="#">46.0382, 0.2530, 0.2341</a>
Android (android.graphics.Color)	<a href="#">4289375999 (0xFFAAAEFF)</a>
YUV	<a href="#">182.0380, 35.9703, -10.5573</a>
Hunter-Lab	<a href="#">67.8514, 12.1756, -40.6474</a>

# Details

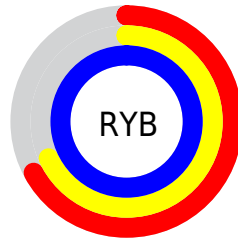
The Hex color **AAAEFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFFBAA**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **E3E5FF**, and **737AC6** is the 20% darker color. If you saturate the color by 10%, you get **9196FF**, and if you desaturate by 10%, it is **C3C6FF**.

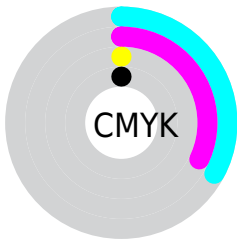
# Distribution



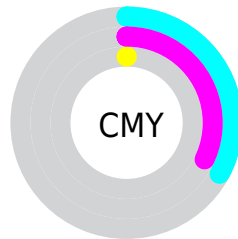
- Red (67%)
- Green (68%)
- Blue (100%)



- Red (67%)
- Yellow (68%)
- Blue (100%)



- Cyan (33%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (32%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



■ AAAEFF

■ AAAEFF

FFFFFF

■ 8E93E2

■ E3E5FF

■ 737AC6

■ 5861AA

■ 3D4990

■ 1F3376

■ 001E5C

■ 000744

■ 00032D

■ 000118

■ AAAEFF

■ AAAEFF

■ 9196FF

■ C3C6FF

■ 777DFF

■ DDDFFF

■ 5E65FF

■ F7F7FF

■ 444DFF

FFFFFF

■ 2A34FF

■ 111CFF

■ 000CFF

# Harmonies

## Analogous

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



62BCFF



AAAEFF



DE9FE6

# Triad

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



AAAEFF



F4A176



45C9A9

# Complementary

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



AAAEFF



FFBAA

# 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.



81C582



AAAEFF



D7AF64

# Square

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



AAAEFF



FF9698



B0BC69



00CAD2

# Rectangle

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



AAAEFF



F498CE



B0BC69



5BC89B



# Sweetspot

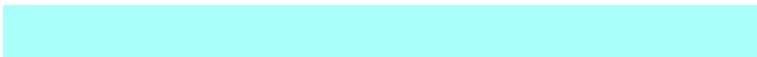
The Sweet Spot groups the original color and five complimentary colors.



AAAEFF



E6E7FF



AAFFFB



707180



000000



808080



# Same Dimension

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



AAAEFF



999EFF



D0AAFF



737380



0009BF



000340



# Inverse Universe

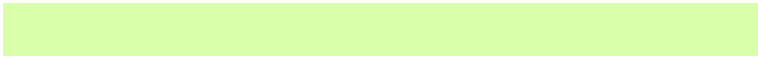
The Inverse Universe completely reimagines the original color for something new.



FFAAAE



FF999E



D9FFAA



807373



BF0009

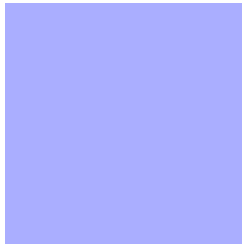


400003



# Previews

## White Background



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

## Color Contrast Check

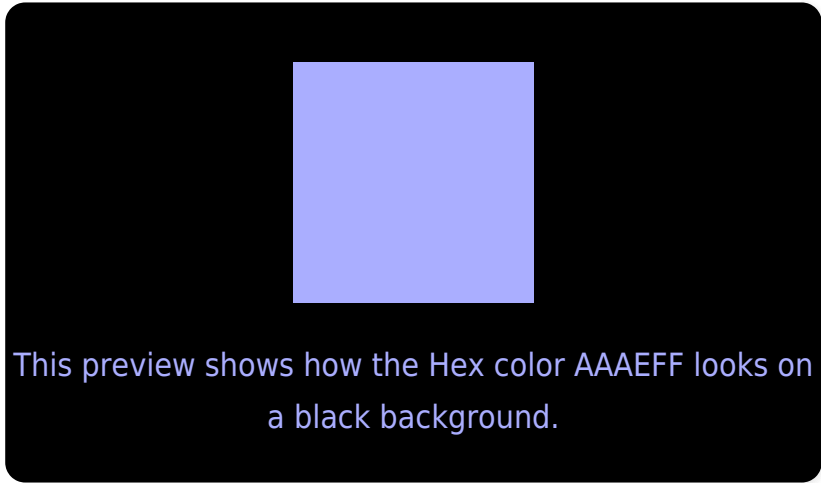
Large Text (above 18pt) WCAG AA × Fail

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 AAAEFF Background



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



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

# 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](#).

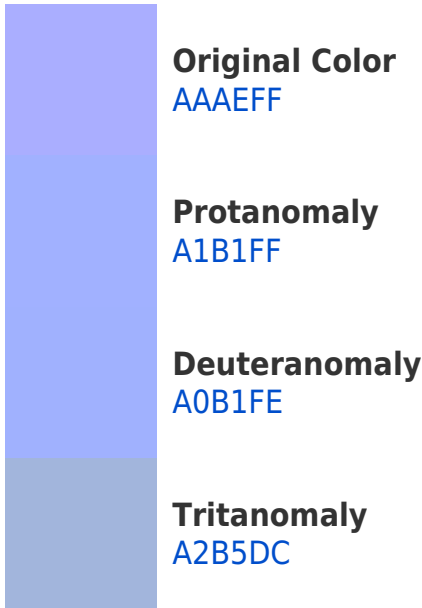
## Dichromacy



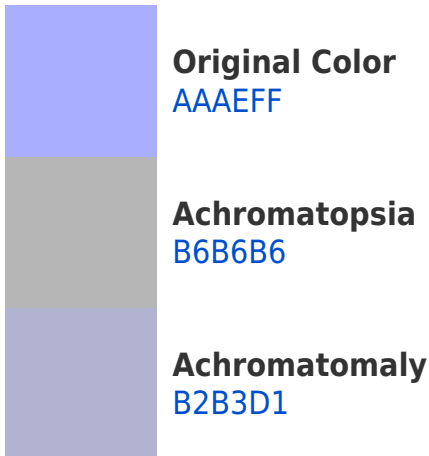


**Tritanopia**  
9EB9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #AAAEFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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