

# Converting Colors

Hex(AAADFF)

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

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

# Color

Hex(AAADFF)

# Conversions

## Conversions Part 1

Format	Color
Hex	AAADFF
RGB	170, 173, 255
RGB Percent	67%, 68%, 100%
CMY	0.3333, 0.3216, 0.0000
CMYK	0.33, 0.32, 0.00, 0.00
HSL	238°, 100%, 83%
HSV	238°, 33%, 100%
XYZ	49.5711, 45.6532, 100.8070
YIQ	181.4510, -28.1100, 24.8660

# Conversions

## Conversions Part 2

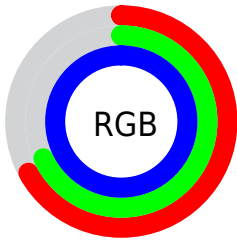
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 173, 255
Decimal	11185663
CIELab	73.32, 17.47, -40.93
CIELCh	73, 44.501, 293.116
Yxy	45.6532, 0.2529, 0.2329
Android (android.graphics.Color)	4289375743 (0xFFAAADFF)
YUV	181.4510, 36.2597, -10.0425
Hunter-Lab	67.5671, 12.7153, -41.1609

# Details

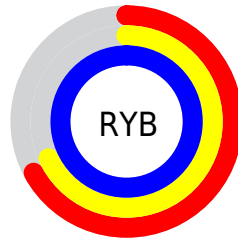
The Hex color **AAADFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFCAA**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E3E4FF**, and **7379C6** is the 20% darker color. If you saturate the color by 10%, you get **9194FF**, and if you desaturate by 10%, it is **C3C6FF**.

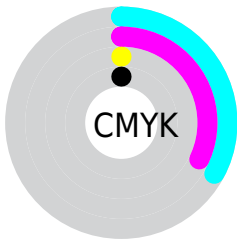
# Distribution



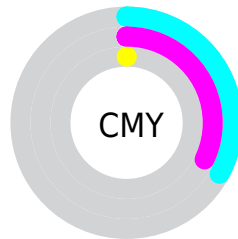
- Red (67%)
- Green (68%)
- Blue (100%)



- 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 AAADFF 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 AAADFF by changing the saturation by 10% instead.



■ AAADFF

■ AAADFF

FFFFFF

■ 8E92E2

■ E3E4FF

■ 7379C6

■ 5860AA

■ 3D4990

■ 1F3276

■ 001E5C

■ 000644

■ 00032D

■ 000118

■ AAADFF

■ AAADFF

■ 9194FF

■ C3C6FF

■ 777CFF

■ DDDEFF

■ 5E63FF

■ F7F7FF

■ 444BFF

FFFFFF

■ 2A32FF

■ 1119FF

■ 0009FF

# Harmonies

## Analogous

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



61BBFF



AAADFF



DE9EE5

# Triad

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



AAADFF



F4A074



40C9A9

# Complementary

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



AAADFF



FFCAA

# 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.



7EC482



AAADFF



D6AE62

# Square

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



AAADFF



FF9596



AE6B67



00C9D3

# Rectangle

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



AAADFF



F496CD



AEBB67



58C89B



# Sweetspot

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



AAADFF



E6E6FF



AAFFFB



707180



000000



808080



# Same Dimension

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



AAADFF



999DFF



D0AAFF



737380



0007BF



000240



# Inverse Universe

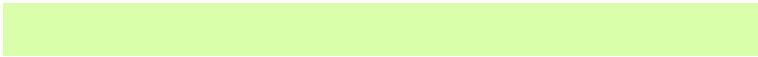
The Inverse Universe completely reimagines the original color for something new.



FFAAD



FF999D



D9FFAA



807373



BF0007

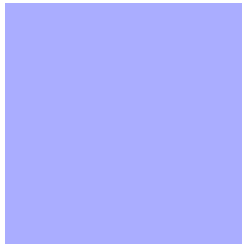


400002



# Previews

## White Background



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

## Color Contrast Check

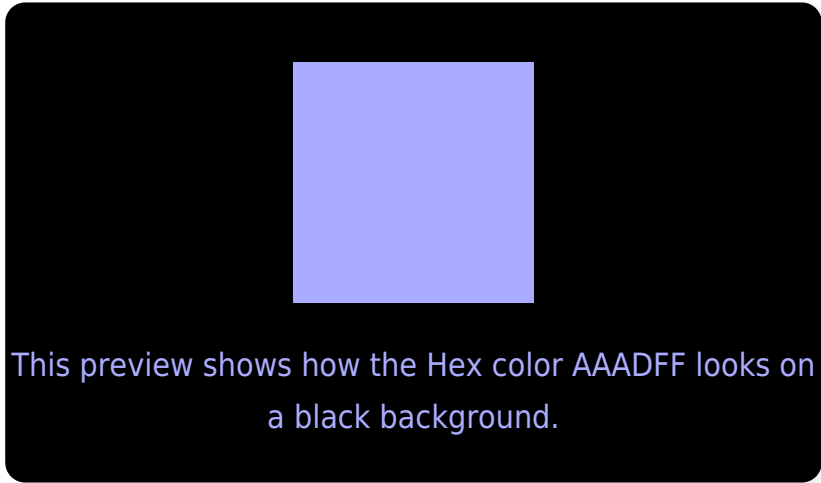
Large Text (above 18pt) WCAG AA × Fail

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

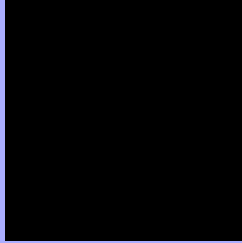
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAADFF Background



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

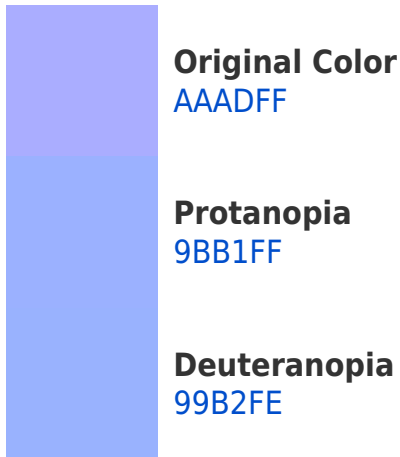


This preview shows how white text looks on a background with the Hex color AAADFF.

# 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



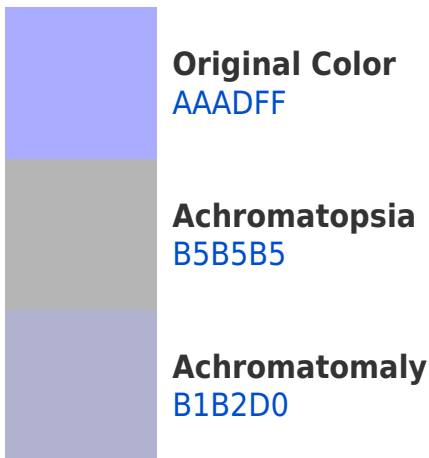


**Tritanopia**  
9EB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #AAADFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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