

# Converting Colors

Hex(AF82E6)

Have a look what the booklet for  
Hex(AF82E6) contains.

<b>Hex(AF82E6)</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(AF82E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF82E6
RGB	175, 130, 230
RGB Percent	69%, 51%, 90%
CMY	0.3137, 0.4902, 0.0980
CMYK	0.24, 0.43, 0.00, 0.10
HSL	267°, 67%, 71%
HSV	267°, 43%, 90%
XYZ	39.9448, 30.7924, 78.7011
YIQ	154.8550, -5.2800, 40.6400

# Conversions

## Conversions Part 2

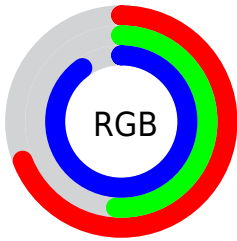
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 130, 230
Decimal	11502310
CIELab	62.33, 36.88, -44.43
CIElCh	62, 57.747, 309.696
Yxy	30.7924, 0.2673, 0.2061
Android (android.graphics.Color)	4289692390 (0xFFAF82E6)
YUV	154.8550, 37.0465, 17.6672
Hunter-Lab	55.4909, 31.3830, -45.2457

# Details

The Hex color **AF82E6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B9E682**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **E8B8FF**, and **784FAE** is the 20% darker color. If you saturate the color by 10%, you get **A26BE6**, and if you desaturate by 10%, it is **BC99E6**.

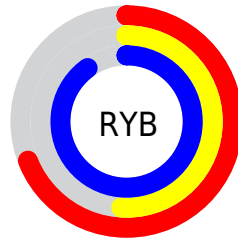
# Distribution



Red (69%)

Green (51%)

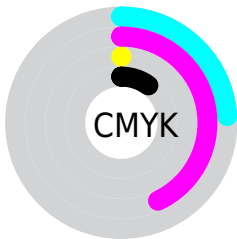
Blue (90%)



Red (69%)

Yellow (51%)

Blue (90%)

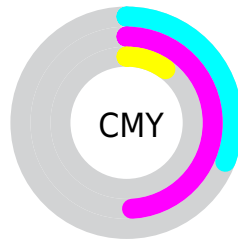


Cyan (24%)

Magenta (43%)

Yellow (0%)

Black (10%)



Cyan (31%)

Magenta (49%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF82E6 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 AF82E6 by changing the saturation by 10% instead.



 AF82E6

 AF82E6

FFFFFF

 9368CA

 E8B8FF

 784FAE

 FFD4FF

 5D3793

 FFF0FF

 432079

 28085F

 0E0047

 000130

 00011A

 000000

 AF82E6

 AF82E6

 A26BE6

 BC99E6

 9654E6

 C8B0E6

 893DE6

 D5C7E6

 7C26E6

 E2DEE6

 700FE6

 EEF5E6

 6800E6

 FBFFE6

 FFFFE6

# Harmonies

## Analogous

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



5097FC



AF82E6



E16EBB

# Triad

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



AF82E6



CE8733



00B0A6

# Complementary

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



AF82E6



B9E682

# 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.



00AD71



AF82E6



A29927

# Square

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



AF82E6



EC7358



6BA643



00AED7

# Rectangle

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



AF82E6



F16799



6BA643



00AF95



# Sweetspot

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



AF82E6



EDDEFF



82B9E6



746B80



000000



808080



# Same Dimension

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



AF82E6



B67AFF



E182E6



6C6773



5000B3



170033



# Inverse Universe

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



E682B9



FF7AC3



87E682



73676E



B30062

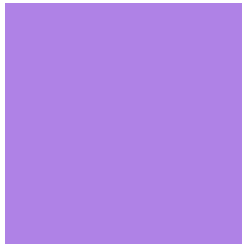


33001C



# Previews

## White Background



This preview shows how the Hex color AF82E6 looks on a white background.

## Color Contrast Check

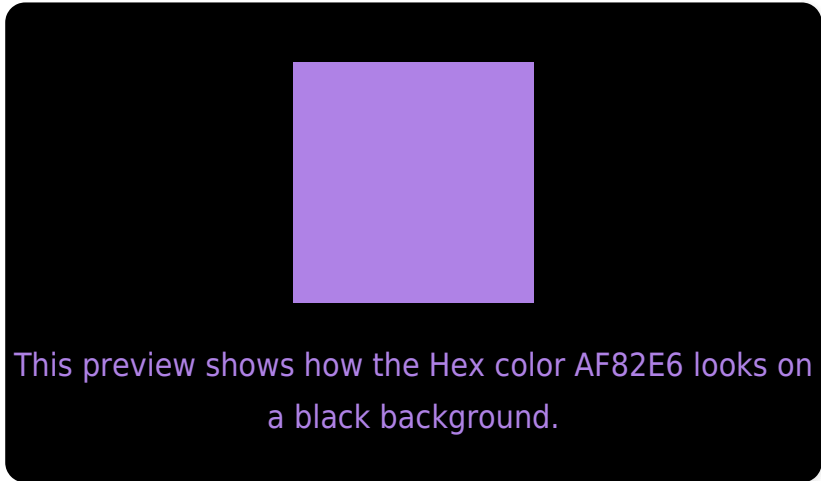
Large Text (above 18pt) WCAG AA × Fail

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 AF82E6 Background



This preview shows how black text looks on a background with the Hex color AF82E6.

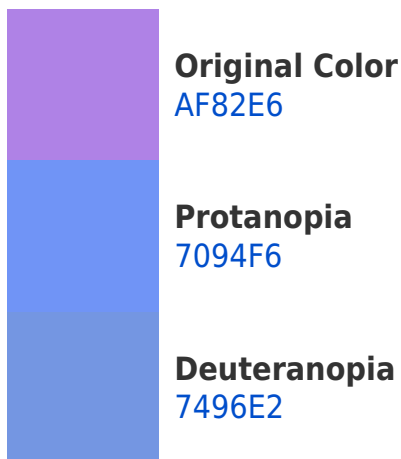


This preview shows how white text looks on a background with the Hex color AF82E6.

# 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](#).

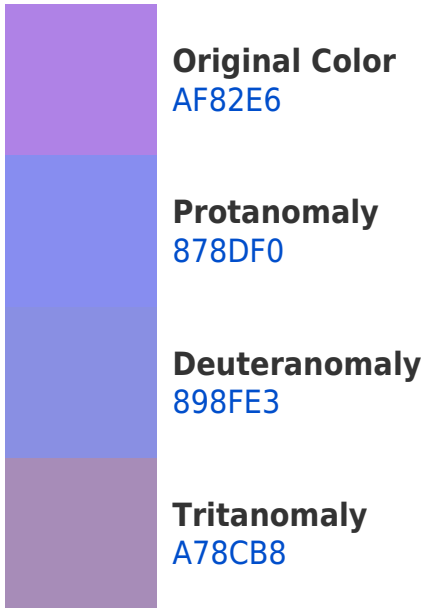
## Dichromacy



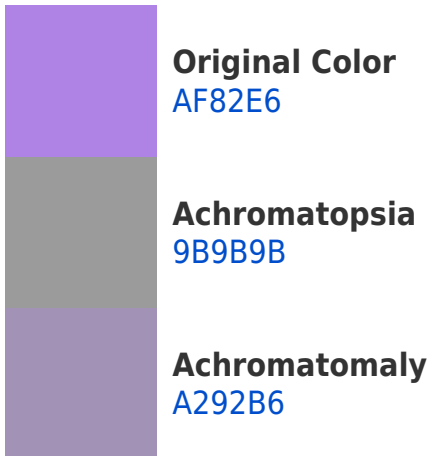


**Tritanopia**  
A2929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF82E6 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 #AF82E6 looks like.

```
.text, #text, p{  
    color:#AF82E6  
}
```

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 #AF82E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF82E6
}
```

## Border

The CSS property to change the border of an element to Hex AF82E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

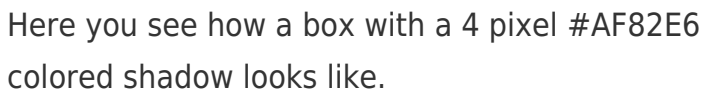
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF82E6 }
```

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

```
.border{ border-color:#AF82E6 }
```

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



Here you see how a box with a 4 pixel #AF82E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF82E6; -webkit-box-shadow:4px 4px  
4px 4px #AF82E6; box-shadow:4px 4px 4px  
4px #AF82E6 }
```

# Background

The CSS property to change the background color of an element to Hex AF82E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF82E6 }
```

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

```
.background{ background-color:#AF82E6 }
```

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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