

# Converting Colors

Hex(AF8BD8)

Have a look what the booklet for  
Hex(AF8BD8) contains.

<b>Hex(AF8BD8)</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(AF8BD8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF8BD8
RGB	175, 139, 216
RGB Percent	69%, 55%, 85%
CMY	0.3137, 0.4549, 0.1529
CMYK	0.19, 0.36, 0.00, 0.15
HSL	268°, 50%, 70%
HSV	268°, 36%, 85%
XYZ	39.3065, 32.5371, 69.1744
YIQ	158.5420, -3.2610, 31.5790

# Conversions

## Conversions Part 2

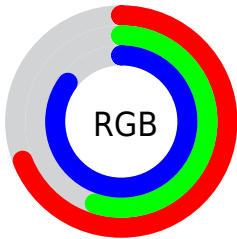
Format	Color
<a href="#">RYB</a>	<a href="#">175, 139, 216</a>
Decimal	<a href="#">11504600</a>
CIELab	<a href="#">63.78, 28.62, -34.37</a>
CIElCh	<a href="#">64, 44.728, 309.780</a>
Yxy	<a href="#">32.5371, 0.2787, 0.2307</a>
Android (android.graphics.Color)	<a href="#">4289694680 (0xFFAF8BD8)</a>
YUV	<a href="#">158.5420, 28.3268, 14.4337</a>
Hunter-Lab	<a href="#">57.0413, 23.1801, -31.9725</a>

# Details

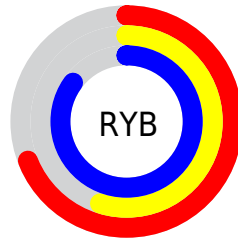
The Hex color **AF8BD8** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B4D88B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E8C1FF**, and **7958A1** is the 20% darker color. If you saturate the color by 10%, you get **A375D8**, and if you desaturate by 10%, it is **BBA1D8**.

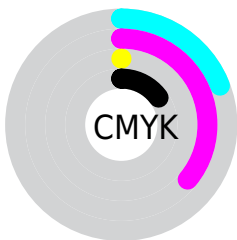
# Distribution



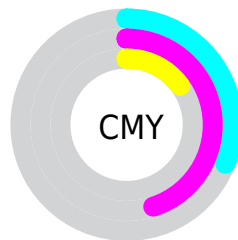
- Red (69%)
- Green (55%)
- Blue (85%)



- Red (69%)
- Yellow (55%)
- Blue (85%)



- Cyan (19%)
- Magenta (36%)
- Yellow (0%)
- Black (15%)



- Cyan (31%)
- Magenta (45%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF8BD8 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 AF8BD8 by changing the saturation by 10% instead.



 AF8BD8

 AF8BD8

FFFFFF

 9471BC

 E8C1FF

 7958A1

 FFDDFF

 5F4186

 FFFAFF

 462A6D

 2D1454

 16003D

 000126

 00010F

 000000

 AF8BD8

 AF8BD8

 A375D8

 BBA1D8

 9860D8

 C6B6D8

 8C4AD8

 D2CCD8

 8135D8

 DDE1D8

 751FD8

 E9F7D8

 6A09D8

 F4FFD8

 6500D8

 FFFFD8

# Harmonies

## Analogous

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



709AE9



AF8BD8



D67EB7

# Triad

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



AF8BD8



C98F4F



00AFA7

# Complementary

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



AF8BD8



B4D88B

# 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.



42AD7E



AF8BD8



A69C49

# Square

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



AF8BD8



E08169



7BA75B



00ADCC

# Rectangle

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



AF8BD8



E3799C



7BA75B



00AF99



# Sweetspot

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



AF8BD8



F0E3FF



8BB4D8



776F80



000000



808080



# Same Dimension

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



AF8BD8



C591FF



D58BD8



65606B



5000AB



14002B



# Inverse Universe

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



D88BB4



FF91CC



8ED88B



6B6066



AB005B

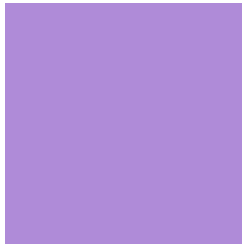


2B0017



# Previews

## White Background



This preview shows how the Hex color AF8BD8 looks on a white background.

## Color Contrast Check

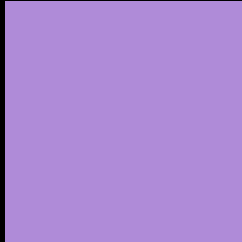
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color AF8BD8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

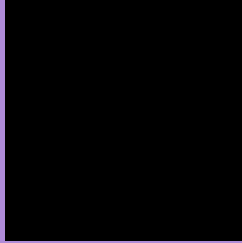
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AF8BD8 Background



This preview shows how black text looks on a background with the Hex color AF8BD8.

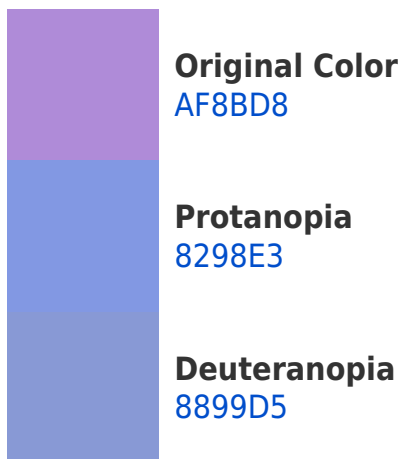


This preview shows how white text looks on a background with the Hex color AF8BD8.

# 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**  
A696A2

# Trichromacy



**Original Color**  
AF8BD8

**Protanomaly**  
9293DF

**Deuteranomaly**  
9694D6

**Tritanomaly**  
A992B6

# Monochromacy



**Original Color**  
AF8BD8

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
A598B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF8BD8 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 #AF8BD8 looks like.

```
.text, #text, p{  
    color:#AF8BD8  
}
```

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 #AF8BD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF8BD8
}
```

## Border

The CSS property to change the border of an element to Hex AF8BD8 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
#AF8BD8 }
```

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

```
.border{ border-color:#AF8BD8 }
```

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

Here you see how a box with a 4 pixel #AF8BD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF8BD8; -webkit-box-shadow:4px 4px  
4px 4px #AF8BD8; box-shadow:4px 4px 4px  
4px #AF8BD8 }
```

# Background

The CSS property to change the background color of an element to Hex AF8BD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF8BD8 }
```

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

```
.background{ background-color:#AF8BD8 }
```

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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