

# Converting Colors

Hex(A796E8)

Have a look what the booklet for  
Hex(A796E8) contains.

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# Color

**Hex(A796E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A796E8
RGB	167, 150, 232
RGB Percent	65%, 59%, 91%
CMY	0.3451, 0.4118, 0.0902
CMYK	0.28, 0.35, 0.00, 0.09
HSL	252°, 64%, 75%
HSV	252°, 35%, 91%
XYZ	41.4082, 35.8544, 81.0821
YIQ	164.4310, -16.1900, 29.1060

# Conversions

## Conversions Part 2

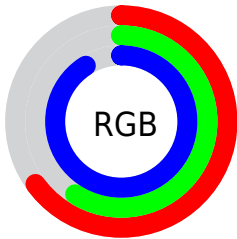
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 150, 232
Decimal	10983144
CIE <sub>Lab</sub>	66.41, 23.83, -39.20
CIE <sub>LCh</sub>	66, 45.873, 301.299
Yxy	35.8544, 0.2615, 0.2264
Android (android.graphics.Color)	4289173224 (0xFFA796E8)
YUV	164.4310, 33.3115, 2.2530
Hunter-Lab	59.8785, 18.6518, -38.3702

# Details

The Hex color **A796E8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D7E896**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E0CCFF**, and **7163B0** is the 20% darker color. If you saturate the color by 10%, you get **957FE8**, and if you desaturate by 10%, it is **B9ADE8**.

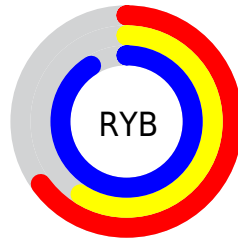
# Distribution



Red (65%)

Green (59%)

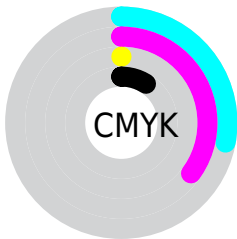
Blue (91%)



Red (65%)

Yellow (59%)

Blue (91%)

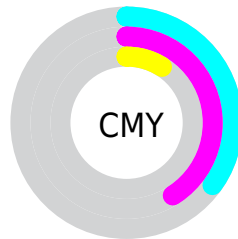


Cyan (28%)

Magenta (35%)

Yellow (0%)

Black (9%)



Cyan (35%)

Magenta (41%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A796E8 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 A796E8 by changing the saturation by 10% instead.




 A796E8

 A796E8

FFFFFF

 8C7CCC

 E0CCFF

 7163B0

 FDE8FF

 574B95

 3D347B

 221F62

 000A49

 000032

 00021C

 000000

 A796E8

 A796E8

 957FE8

 B9ADE8

 8268E8

 CCC4E8

 7050E8

 DEDCE8

 5D39E8

 F1F3E8

 4B22E8

 FFFFE8

 390BE8

 3000E8

# Harmonies

## Analogous

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



5EA5F4



A796E8



D687CA

# Triad

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



A796E8



DA915A



00B7A2

# Complementary

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



A796E8



D7E896

# 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.



5AB378



A796E8



B9A04D

# Square

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



A796E8



ED8479



8EAC59



00B6CB

# Rectangle

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



A796E8



E881AF



8EAC59



20B694



# Sweetspot

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



A796E8



E9E3FF



96D8E8



726F80



000000



808080



# Same Dimension

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



A796E8



AA94FF



CF96E8



6A6773



2500B3



0B0033



# Inverse Universe

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



E896D7



FF94E9



AFE896



736770



B3008D



330028



# Previews

## White Background



This preview shows how the Hex color A796E8 looks on a white background.

## Color Contrast Check

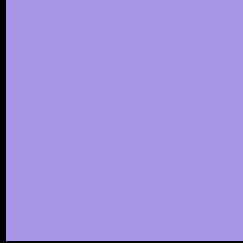
Large Text (above 18pt) WCAG AA × Fail

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 A796E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

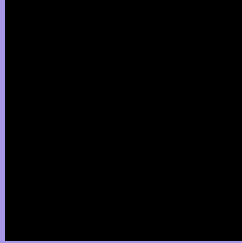
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A796E8 Background



This preview shows how black text looks on a background with the Hex color A796E8.

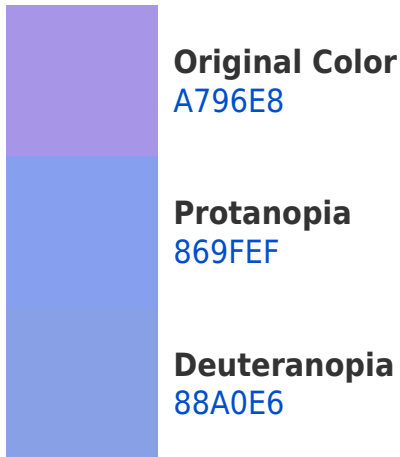


This preview shows how white text looks on a background with the Hex color A796E8.

# 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](#).

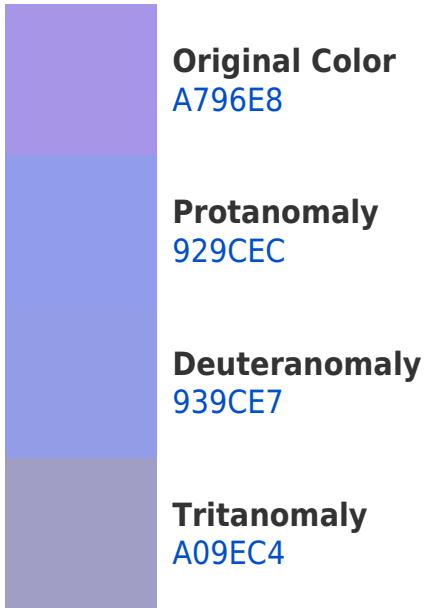
## Dichromacy



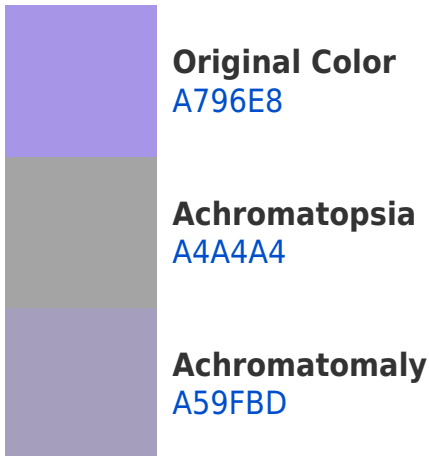


**Tritanopia**  
9CA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A796E8 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 #A796E8 looks like.

```
.text, #text, p{  
    color:#A796E8  
}
```

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 #A796E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A796E8
}
```

## Border

The CSS property to change the border of an element to Hex A796E8 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
#A796E8 }
```

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

```
.border{ border-color:#A796E8 }
```

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

Here you see how a box with a 4 pixel #A796E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A796E8; -webkit-box-shadow:4px 4px  
4px 4px #A796E8; box-shadow:4px 4px 4px  
4px #A796E8 }
```

# Background

The CSS property to change the background color of an element to Hex A796E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A796E8 }
```

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

```
.background{ background-color:#A796E8 }
```

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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