

# Converting Colors

Hex(A78DFD)

Have a look what the booklet for  
Hex(A78DFD) contains.

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# **Color**

**Hex(A78DFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A78DFD
RGB	167, 141, 253
RGB Percent	65%, 55%, 99%
CMY	0.3451, 0.4471, 0.0078
CMYK	0.34, 0.44, 0.00, 0.01
HSL	254°, 97%, 77%
HSV	254°, 44%, 99%
XYZ	43.1908, 34.3571, 97.2837
YIQ	161.5420, -20.4560, 40.3440

# Conversions

## Conversions Part 2

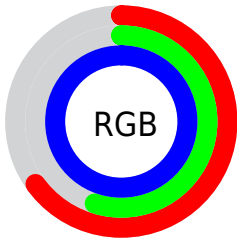
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 141, 253
Decimal	10980861
CIE <sub>Lab</sub>	65.25, 34.21, -52.55
CIE <sub>LCh</sub>	65, 62.706, 303.063
Yxy	34.3571, 0.2470, 0.1965
Android (android.graphics.Color)	4289170941 (0xFFA78DFD)
YUV	161.5420, 45.0888, 4.7867
Hunter-Lab	58.6149, 28.9530, -57.3737

# Details

The Hex color **A78DFD** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E3FD8D**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E1C3FF**, and **6F5AC4** is the 20% darker color. If you saturate the color by 10%, you get **9474FD**, and if you desaturate by 10%, it is **BAA6FD**.

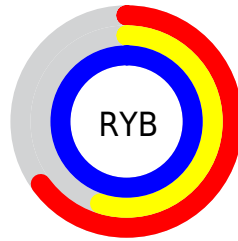
# Distribution



Red (65%)

Green (55%)

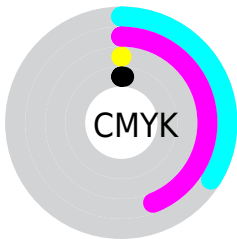
Blue (99%)



Red (65%)

Yellow (55%)

Blue (99%)

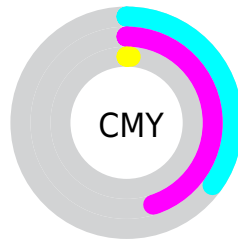


Cyan (34%)

Magenta (44%)

Yellow (0%)

Black (1%)



Cyan (35%)

Magenta (45%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A78DFD 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 A78DFD by changing the saturation by 10% instead.



 A78DFD

 A78DFD

FFFFFF

 8B73E0

 E1C3FF

 6F5AC4

 FEDFFF

 5342A8

 FFFCFF

 362C8D

 141673

 00015A

 000042

 00032A

 000115

 A78DFD

 A78DFD

 9474FD

 BAA6FD

 805AFD

 CEC0FD

 6D41FD

 E1D9FD

 5928FD

 F5F2FD

 460FFD

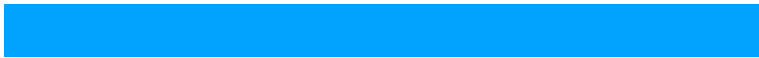
FFFFFFD

 3B00FD

# Harmonies

## Analogous

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



00A3FF



A78DFD



E775D2

# Triad

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



A78DFD



E38837



00B9A3

# Complementary

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



A78DFD



E3FD8D

# 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.



11B569



A78DFD



B69E20

# Square

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



A78DFD



FF7364



7DAD38



00B8DA

# Rectangle

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



A78DFD



FD6BAE



7DAD38



00B88F



# Sweetspot

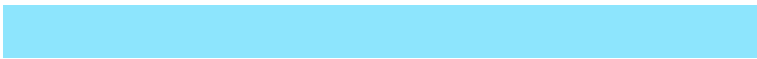
The Sweet Spot groups the original color and five complimentary colors.



A78DFD



E6DEFF



8DE5FD



706B80



000000



808080



# Same Dimension

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



A78DFD



9778FF



DD8DFD



767380



2C00BF



0F0040



# Inverse Universe

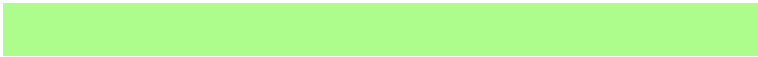
The Inverse Universe completely reimagines the original color for something new.



FD8DE3



FF78E0



ADFD8D



80737D



BF0093

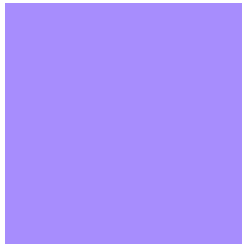


400031



# Previews

## White Background



This preview shows how the Hex color A78DFD looks on a white background.

## Color Contrast Check

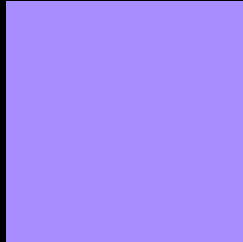
Large Text (above 18pt) WCAG AA × Fail

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 A78DFD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

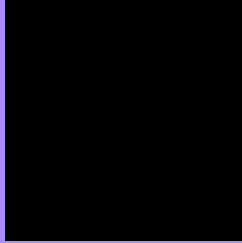
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A78DFD Background



This preview shows how black text looks on a background with the Hex color A78DFD.



This preview shows how white text looks on a background with the Hex color A78DFD.

# Color Blindness Simulation

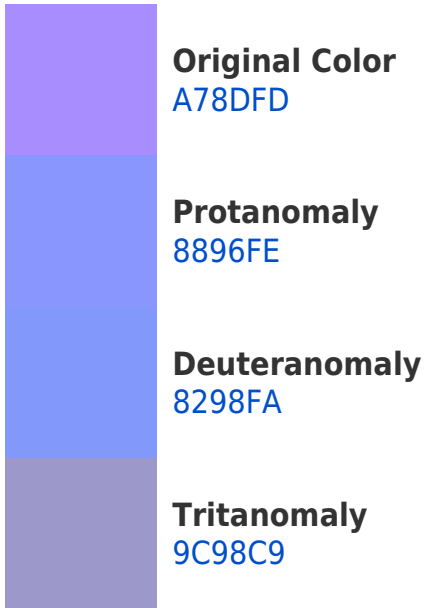
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

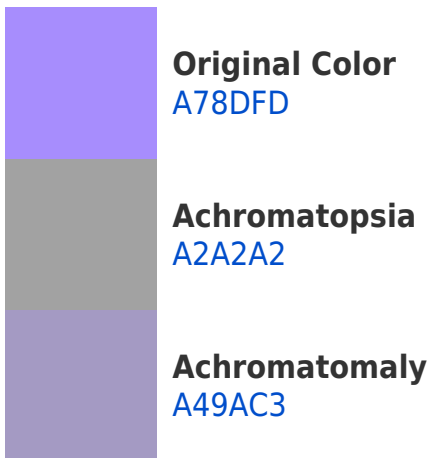




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A78DFD 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 #A78DFD looks like.

```
.text, #text, p{  
    color:#A78DFD  
}
```

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 #A78DFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A78DFD
}
```

## Border

The CSS property to change the border of an element to Hex A78DFD 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
#A78DFD }
```

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

```
.border{ border-color:#A78DFD }
```

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

Here you see how a box with a 4 pixel #A78DFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A78DFD; -webkit-box-shadow:4px 4px  
4px 4px #A78DFD; box-shadow:4px 4px 4px  
4px #A78DFD }
```

# Background

The CSS property to change the background color of an element to Hex A78DFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A78DFD }
```

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

```
.background{ background-color:#A78DFD }
```

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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