

# Converting Colors

Hex(A77CFD)

Have a look what the booklet for  
Hex(A77CFD) contains.

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# Color

**Hex(A77CFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A77CFD
RGB	167, 124, 253
RGB Percent	65%, 49%, 99%
CMY	0.3451, 0.5137, 0.0078
CMYK	0.34, 0.51, 0.00, 0.01
HSL	260°, 97%, 74%
HSV	260°, 51%, 99%
XYZ	40.8736, 29.7226, 96.5113
YIQ	151.5630, -15.7810, 49.2350

# Conversions

## Conversions Part 2

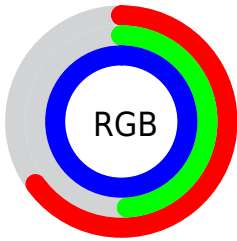
Format	Color
R <sub>YB</sub>	167, 124, 253
Decimal	10976509
CIE <sub>Lab</sub>	61.41, 43.72, -58.65
CIE <sub>LCh</sub>	61, 73.150, 306.705
Yxy	29.7226, 0.2446, 0.1779
Android (android.graphics.Color)	4289166589 (0xFFA77CFD)
YUV	151.5630, 50.0084, 13.5382
Hunter-Lab	54.5185, 38.4178, -66.7951

# Details

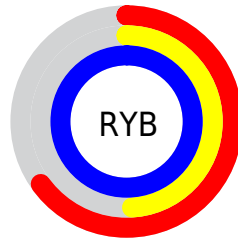
The Hex color **A77CFD** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **D2FD7C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **E1B2FF**, and **6E4AC4** is the 20% darker color. If you saturate the color by 10%, you get **9663FD**, and if you desaturate by 10%, it is **B895FD**.

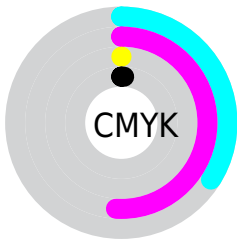
# Distribution



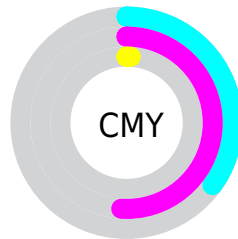
- Red (65%)
- Green (49%)
- Blue (99%)



- Red (65%)
- Yellow (49%)
- Blue (99%)



- Cyan (34%)
- Magenta (51%)
- Yellow (0%)
- Black (1%)



- Cyan (35%)
- Magenta (51%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A77CFD 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 A77CFD by changing the saturation by 10% instead.



 A77CFD

 A77CFD

FFFFFF

 8A62E0

 E1B2FF

 6E4AC4

 FFCDFD


 5231A8

 FFEAFF

 341A8D

 0C0173

 000059

 000241

 00032A

 000114

 A77CFD

 A77CFD

 9663FD

 B895FD

 8549FD

 C9AFFD

 7430FD

 DAC8FD

 6417FD

 EAE1FD

 5400FD

 FBFBFD

FFFFFD

# Harmonies

## Analogous

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



0097FF



A77CFD



EC5CC9

# Triad

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



A77CFD



DA7E05



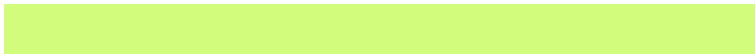
00B2A2

# Complementary

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



A77CFD



D2FD7C

# 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.



00AE5E



A77CFD



A59600

# Square

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



A77CFD



FD604A



5FA619



00B0E0

# Rectangle

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



A77CFD



FF4E9E



5FA619



00B18B



# Sweetspot

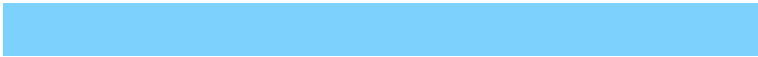
The Sweet Spot groups the original color and five complimentary colors.



A77CFD



E5D9FF



7CD2FD



706980



000000



808080



# Same Dimension

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



A77CFD



9763FF



E87CFD



777380



4000BF



150040



# Inverse Universe

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



FD7CD2



FF63CB



92FD7C



80737B



BF007F

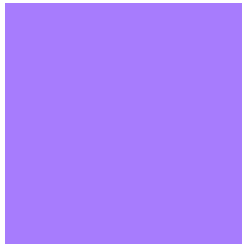


40002A



# Previews

## White Background



This preview shows how the Hex color A77CFD looks on a white background.

## Color Contrast Check

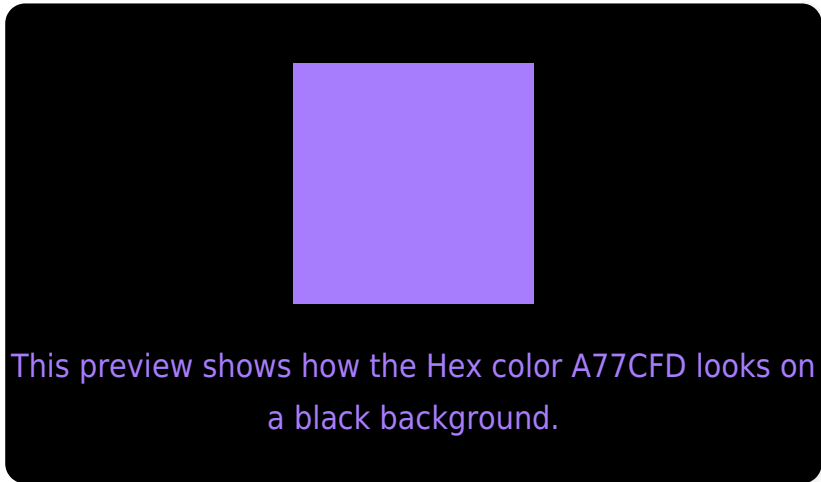
Large Text (above 18pt) WCAG AA ✓ Pass

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

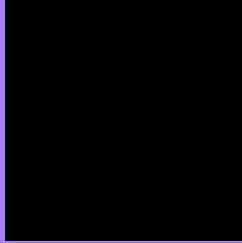
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A77CFD Background



This preview shows how black text looks on a background with the Hex color A77CFD.

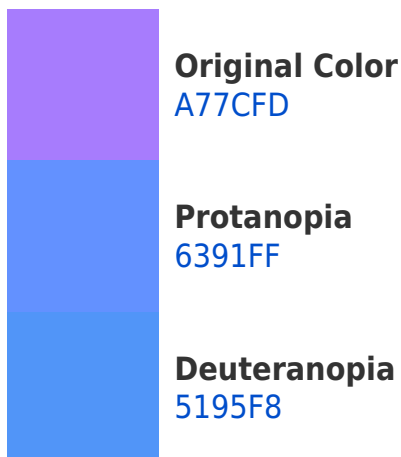


This preview shows how white text looks on a background with the Hex color A77CFD.

# 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](#).

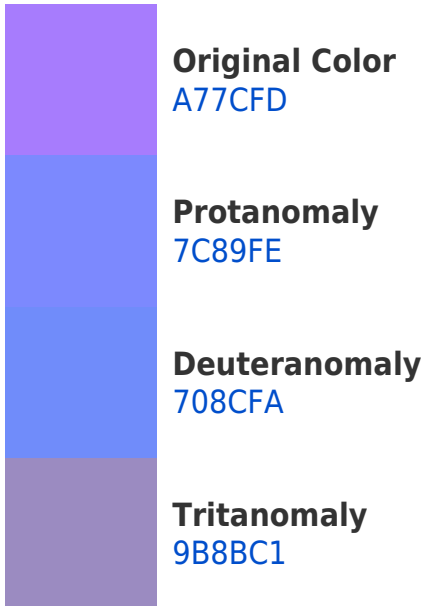
## Dichromacy



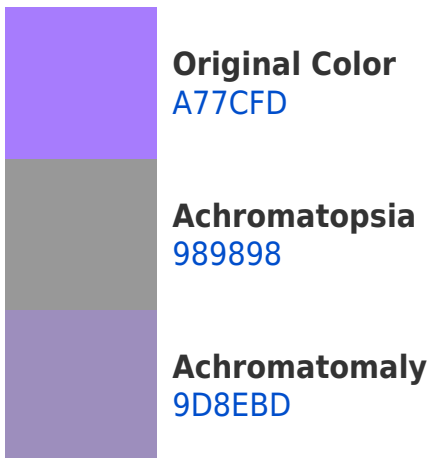


**Tritanopia**  
94939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A77CFD 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 #A77CFD looks like.

```
.text, #text, p{  
    color:#A77CFD  
}
```

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 #A77CFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A77CFD
}
```

## Border

The CSS property to change the border of an element to Hex A77CFD 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
#A77CFD }
```

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

```
.border{ border-color:#A77CFD }
```

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

Here you see how a box with a 4 pixel #A77CFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A77CFD; -webkit-box-shadow:4px 4px  
4px 4px #A77CFD; box-shadow:4px 4px 4px  
4px #A77CFD }
```

# Background

The CSS property to change the background color of an element to Hex A77CFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A77CFD }
```

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

```
.background{ background-color:#A77CFD }
```

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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