

# Converting Colors

Hex(A496FD)

Have a look what the booklet for  
Hex(A496FD) contains.

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# **Color**

**Hex(A496FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A496FD
RGB	164, 150, 253
RGB Percent	64%, 59%, 99%
CMY	0.3569, 0.4118, 0.0078
CMYK	0.35, 0.41, 0.00, 0.01
HSL	248°, 96%, 79%
HSV	248°, 41%, 99%
XYZ	43.9458, 36.7971, 97.7149
YIQ	165.9280, -24.7190, 35.0010

# Conversions

## Conversions Part 2

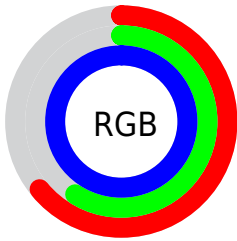
Format	Color
<a href="#">RYB</a>	<a href="#">164, 150, 253</a>
Decimal	<a href="#">10786557</a>
CIELab	<a href="#">67.12, 28.34, -49.60</a>
CIElCh	<a href="#">67, 57.120, 299.741</a>
Yxy	<a href="#">36.7971, 0.2463, 0.2062</a>
Android (android.graphics.Color)	<a href="#">4288976637</a> ( <a href="#">0xFFA496FD</a> )
YUV	<a href="#">165.9280, 42.9265, -1.6909</a>
Hunter-Lab	<a href="#">60.6606, 23.1591, -53.0447</a>

# Details

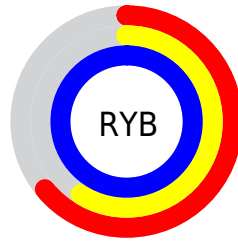
The Hex color **A496FD** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFD96**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **DECCFF**, and **6C63C4** is the 20% darker color. If you saturate the color by 10%, you get **8E7DFD**, and if you desaturate by 10%, it is **BAAFFD**.

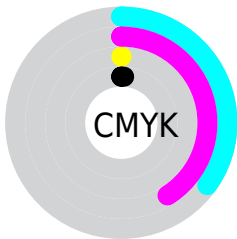
# Distribution



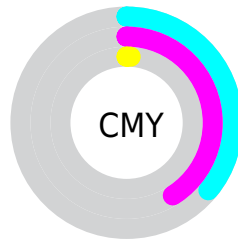
- Red (64%)
- Green (59%)
- Blue (99%)



- Red (64%)
- Yellow (59%)
- Blue (99%)



- Cyan (35%)
- Magenta (41%)
- Yellow (0%)
- Black (1%)



- Cyan (36%)
- Magenta (41%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A496FD 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 A496FD by changing the saturation by 10% instead.



 A496FD

 A496FD

FFFFFF

 887CE0

 DECCFF

 6C63C4

 FBE8FF

 504BA8

 34348D

 101F73

 000B5A

 000042

 00032B

 000115

 A496FD

 A496FD

 8E7DFD

 BAAFFD

 7863FD

 D0C9FD

 624AFD

 E6E2FD

 4D31FD

 FBFBFD

 3718FD

FFFFFFD

 2200FD

# Harmonies

## Analogous

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



25A9FF



A496FD



E281D8

# Triad

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



A496FD



E88D4A



00BCA1

# Complementary

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



A496FD



EFFD96

# 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.



45B86D



A496FD



C0A136

# Square

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



A496FD



FF7B73



8CAF44



00BCD5

# Rectangle

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



A496FD



F977B7



8CAF44



00BC8F



# Sweetspot

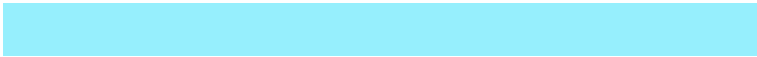
The Sweet Spot groups the original color and five complimentary colors.



A496FD



E5E0FF



96EFFF



706E80



000000



808080



# Same Dimension

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



A496FD



9382FF



D796FD



747380



1A00BF



090040



# Inverse Universe

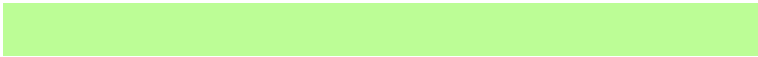
The Inverse Universe completely reimagines the original color for something new.



FD96EF



FF82EE



BCFD96



80737E



BF00A5

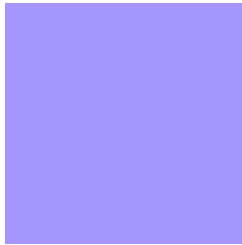


400037



# Previews

## White Background



This preview shows how the Hex color A496FD looks on a white background.

## Color Contrast Check

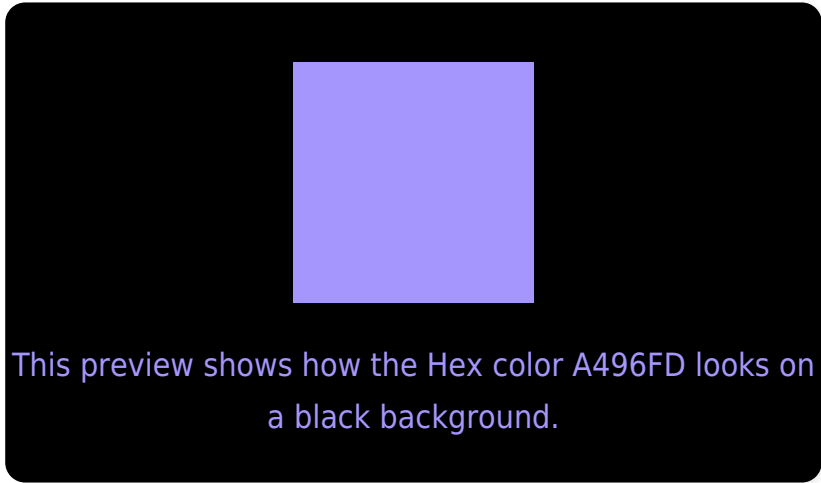
Large Text (above 18pt) WCAG AA × Fail

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

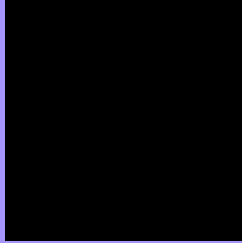
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A496FD Background



This preview shows how black text looks on a background with the Hex color A496FD.

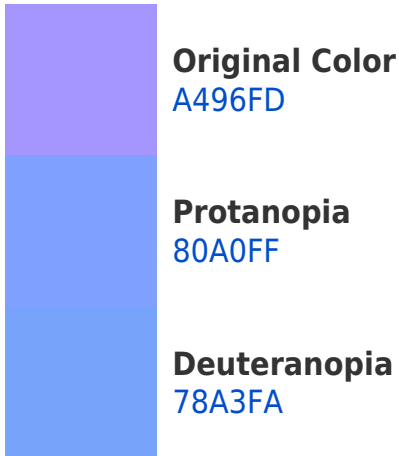


This preview shows how white text looks on a background with the Hex color A496FD.

# 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](#).

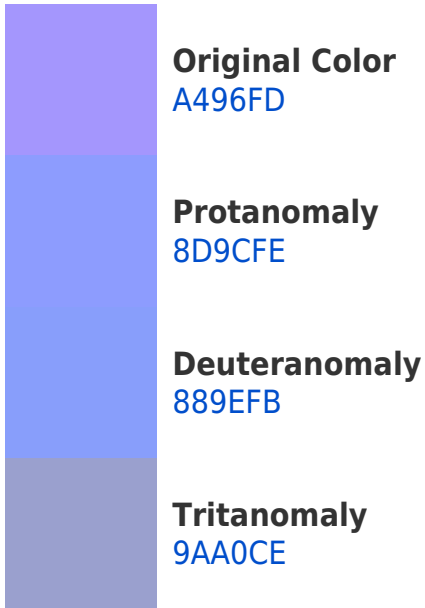
## Dichromacy



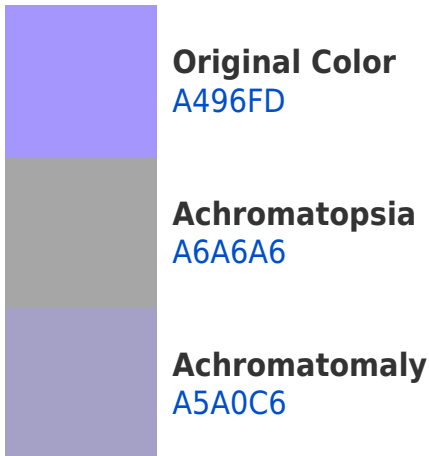


**Tritanopia**  
94A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A496FD 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 #A496FD looks like.

```
.text, #text, p{  
    color:#A496FD  
}
```

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 #A496FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A496FD
}
```

## Border

The CSS property to change the border of an element to Hex A496FD is called "border". The border property can be set on classes, ids or directly on the HTML element.

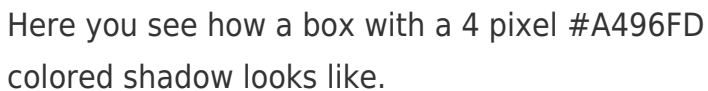
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A496FD }
```

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

```
.border{ border-color:#A496FD }
```

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



Here you see how a box with a 4 pixel `#A496FD` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A496FD; -webkit-box-shadow:4px 4px  
4px 4px #A496FD; box-shadow:4px 4px 4px  
4px #A496FD }
```

# Background

The CSS property to change the background color of an element to Hex A496FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A496FD }
```

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

```
.background{ background-color:#A496FD }
```

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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