

# Converting Colors

Hex(A500F7)

Have a look what the booklet for  
Hex(A500F7) contains.

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**Color**

**Hex(A500F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A500F7
RGB	165, 0, 247
RGB Percent	65%, 0%, 97%
CMY	0.3529, 1.0000, 0.0314
CMYK	0.33, 1.00, 0.00, 0.03
HSL	280°, 100%, 48%
HSV	280°, 100%, 97%
XYZ	32.3056, 14.7147, 89.1332
YIQ	77.4930, 19.0530, 111.7970

# Conversions

## Conversions Part 2

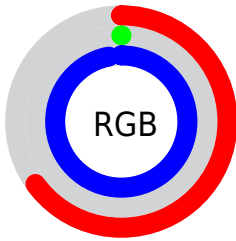
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 0, 247
Decimal	10813687
CIE <sub>Lab</sub>	45.24, 84.97, -81.50
CIE <sub>LCh</sub>	45, 117.740, 316.192
Yxy	14.7147, 0.2373, 0.1081
Android (android.graphics.Color)	4289003767 (0xFFA500F7)
YUV	77.4930, 83.5670, 76.7436
Hunter-Lab	38.3598, 83.1981, -110.9150

# Details

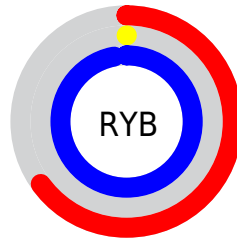
The Hex color **A500F7** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **52F700**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **E259FF**, and **6700BD** is the 20% darker color. If you saturate the color by 10%, you get **A500F7**, and if you desaturate by 10%, it is **AD19F7**.

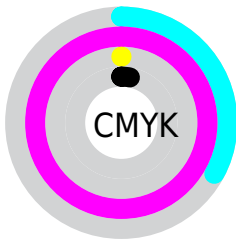
# Distribution



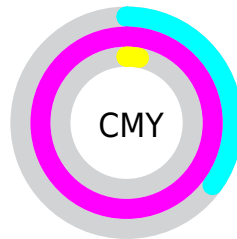
- Red (65%)
- Green (0%)
- Blue (97%)



- Red (65%)
- Yellow (0%)
- Blue (97%)



- Cyan (33%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (100%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A500F7 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 A500F7 by changing the saturation by 10% instead.



 A500F7

 A500F7

FFFFFF

 8600DA

 E259FF

 6700BD

 FF77FF

 4700A1

 FF94FF

 200086

 FFB2FF

 00006C

 FFD0FF

 000052

 FFE0FF

 00053A

 000223

 00000B

 A500F7

 AD19F7

 B531F7

 BE4AF7

 C663F7

 CE7CF7

 D694F7

 DEADF7

 E7C6F7

 EFDEF7

# Harmonies

## Analogous

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



0069FF



A500F7



F9009D

# Triad

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



A500F7



A75600



008DA0

# Complementary

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



A500F7



52F700

# 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.



008A37



A500F7



4F7700

# Square

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



A500F7



E60000



008500



008EFB

# Rectangle

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



A500F7



FF005D



008500



008C7E



# Sweetspot

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



A500F7



E6B3FF



0052F7



705280



000000



808080



# Same Dimension

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



A500F7



AA00FF



F700CE



766E7A



7C00BA



27003B



# Inverse Universe

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



F70052



FF0055



00F729



7A6E72



BA003E



3B0013



# Previews

## White Background



This preview shows how the Hex color A500F7 looks on a white background.

## Color Contrast Check

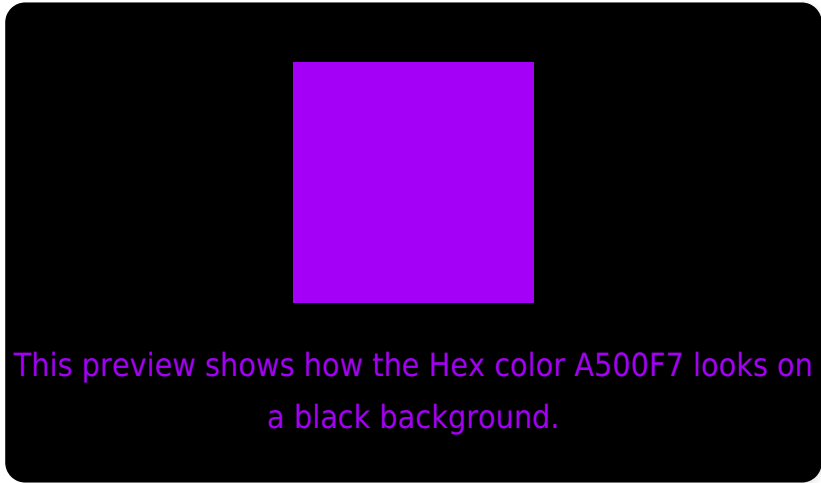
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

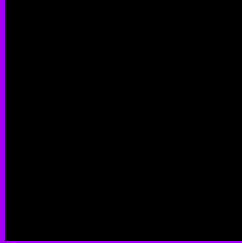
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A500F7 Background



This preview shows how black text looks on a background with the Hex color A500F7.

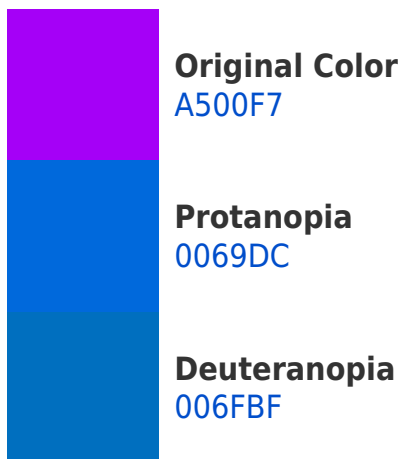


This preview shows how white text looks on a background with the Hex color A500F7.

# 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**  
8B6168

# Trichromacy



**Original Color**  
A500F7



**Protanomaly**  
3C43E6



**Deuteranomaly**  
3C47D3



**Tritanomaly**  
943E9C

# Monochromacy



**Original Color**  
A500F7



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
6D318B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A500F7 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 #A500F7 looks like.

```
.text, #text, p{  
    color:#A500F7  
}
```

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 #A500F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A500F7
}
```

## Border

The CSS property to change the border of an element to Hex A500F7 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".

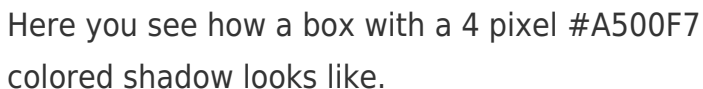
```
.border, #border, table{ border:4px solid
#A500F7 }
```

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

```
.border{ border-color:#A500F7 }
```

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

Here you see how a box with a 4 pixel #A500F7 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A500F7; -webkit-box-shadow:4px 4px  
4px 4px #A500F7; box-shadow:4px 4px 4px  
4px #A500F7 }
```

# Background

The CSS property to change the background color of an element to Hex A500F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A500F7 }
```

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

```
.background{ background-color:#A500F7 }
```

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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