

# Converting Colors

Hex(A687FF)

Have a look what the booklet for  
Hex(A687FF) contains.

<b>Hex(A687FF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(A687FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	A687FF
RGB	166, 135, 255
RGB Percent	65%, 53%, 100%
CMY	0.3490, 0.4706, 0.0000
CMYK	0.35, 0.47, 0.00, 0.00
HSL	256°, 100%, 76%
HSV	256°, 47%, 100%
XYZ	42.4399, 32.6549, 98.6740
YIQ	157.9490, -20.0440, 43.8920

# Conversions

## Conversions Part 2

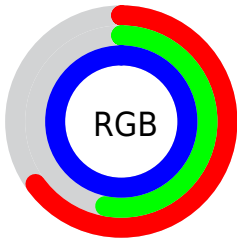
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">166, 135, 255</a>
Decimal	<a href="#">10913791</a>
CIELab	<a href="#">63.88, 37.85, -55.82</a>
CIElCh	<a href="#">64, 67.441, 304.141</a>
Yxy	<a href="#">32.6549, 0.2442, 0.1879</a>
Android (android.graphics.Color)	<a href="#">4289103871</a> ( <a href="#">0xFFA687FF</a> )
YUV	<a href="#">157.9490, 47.8461, 7.0607</a>
Hunter-Lab	<a href="#">57.1445, 32.5648, -62.3775</a>

# Details

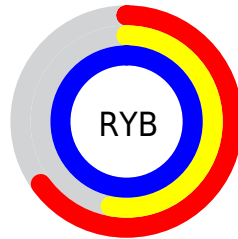
The Hex color **A687FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **E0FF87**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E0BDFF**, and **6D55C6** is the 20% darker color. If you saturate the color by 10%, you get **936EFF**, and if you desaturate by 10%, it is **B9A1FF**.

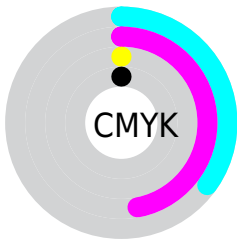
# Distribution



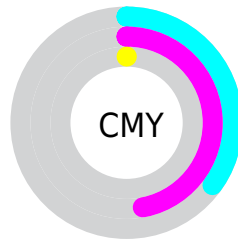
- Red (65%)
- Green (53%)
- Blue (100%)



- Red (65%)
- Yellow (53%)
- Blue (100%)



- Cyan (35%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (47%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A687FF 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 A687FF by changing the saturation by 10% instead.



 A687FF

 A687FF


FFFFFF

 8A6DE2

 E0BDFE

 6D55C6

 FED9FF


 513DAA

 FFF5FF

 33268F

 0C0F75

 00005B

 000043

 00032C

 000116

 A687FF

 A687FF

 936EFF

 B9A1FF

 8054FF

 CCBAFF

 6D3AFF

 DFD4FF

 5A21FF

 F2EDFF

 4708FF

FFFFFF

 4200FF

# Harmonies

## Analogous

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



009FFF



A687FF



E96CD0

# Triad

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



A687FF



E18428



00B7A2

# Complementary

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



A687FF



E0FF87

# 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.



00B363



A687FF



B19B01

# Square

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



A687FF



FF6B5B



73AA2B



00B6DD

# Rectangle

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



A687FF



FF60A9



73AA2B



00B68D



# Sweetspot

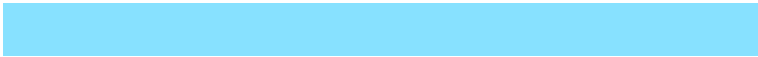
The Sweet Spot groups the original color and five complimentary colors.



A687FF



E5DBFF



87E1FF



6F6A80



000000



808080



# Same Dimension

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



A687FF



9570FF



E187FF



767380



3100BF



100040



# Inverse Universe

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



FF87E0



FF70DA



A5FF87



80737C



BF008E

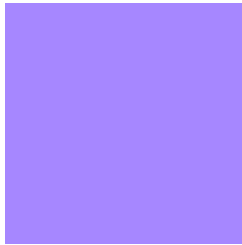


40002F



# Previews

## White Background



This preview shows how the Hex color A687FF 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 A687FF Background



This preview shows how black text looks on a background with the Hex color A687FF.

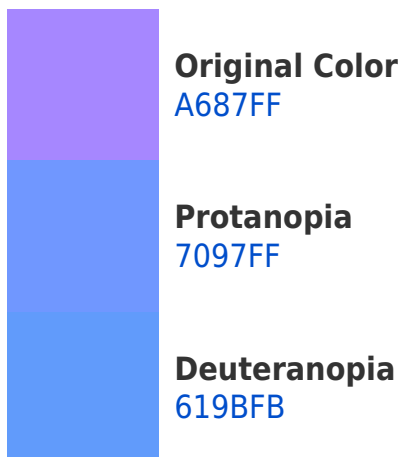


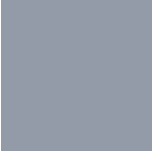
This preview shows how white text looks on a background with the Hex color A687FF.

# 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](#).

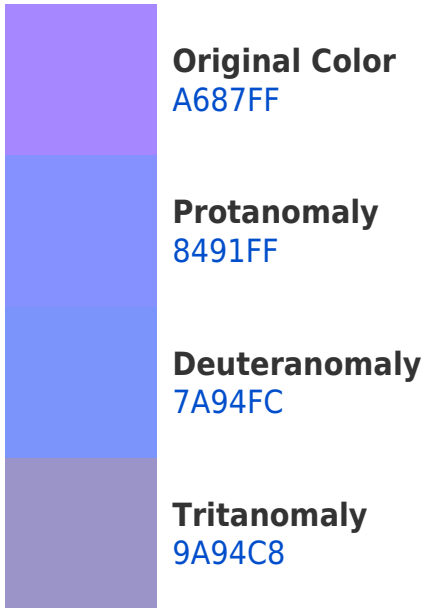
## Dichromacy



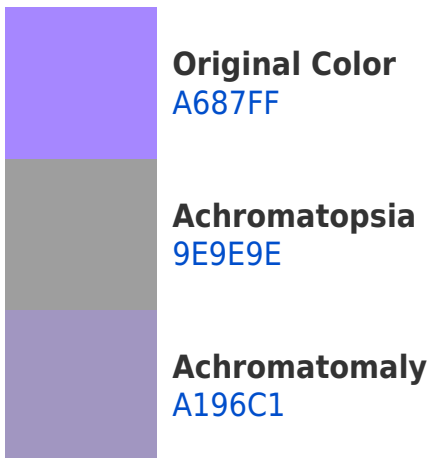


**Tritanopia**  
939BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A687FF 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 #A687FF looks like.

```
.text, #text, p{  
    color:#A687FF  
}
```

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 #A687FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A687FF
}
```

## Border

The CSS property to change the border of an element to Hex A687FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

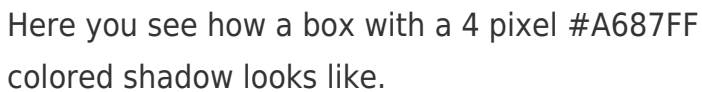
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A687FF }
```

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

```
.border{ border-color:#A687FF }
```

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



Here you see how a box with a 4 pixel #A687FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A687FF; -webkit-box-shadow:4px 4px  
4px 4px #A687FF; box-shadow:4px 4px 4px  
4px #A687FF }
```

# Background

The CSS property to change the background color of an element to Hex A687FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A687FF }
```

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

```
.background{ background-color:#A687FF }
```

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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