

Converting Colors

Hex(A87FE5)

Have a look what the booklet for
Hex(A87FE5) contains.

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Color

Hex(A87FE5)

Conversions

Conversions Part 1

Format	Color
Hex	A87FE5
RGB	168, 127, 229
RGB Percent	66%, 50%, 90%
CMY	0.3412, 0.5020, 0.1020
CMYK	0.27, 0.45, 0.00, 0.10
HSL	264°, 66%, 70%
HSV	264°, 45%, 90%
XYZ	37.8807, 29.1607, 77.7608
YIQ	150.8870, -8.3060, 40.4140

Conversions

Conversions Part 2

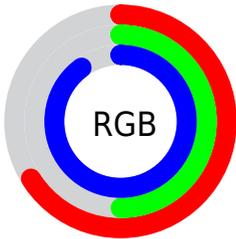
Format	Color
R_{YB}	168, 127, 229
Decimal	11042789
CIE _{Lab}	60.92, 36.39, -46.14
CIE _{LCh}	61, 58.768, 308.260
Yxy	29.1607, 0.2616, 0.2014
Android (android.graphics.Color)	4289232869 (0xFFA87FE5)
YUV	150.8870, 38.5097, 15.0081
Hunter-Lab	54.0007, 30.7140, -47.5770

Details

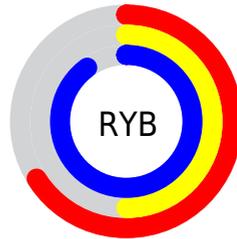
The Hex color **A87FE5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BCE57F**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **E1B4FF**, and **714DAD** is the 20% darker color. If you saturate the color by 10%, you get **9A68E5**, and if you desaturate by 10%, it is **B696E5**.

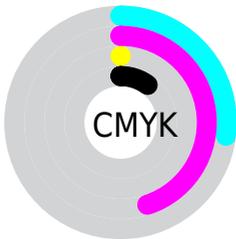
Distribution



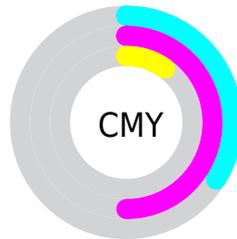
- Red (66%)
- Green (50%)
- Blue (90%)



- Red (66%)
- Yellow (50%)
- Blue (90%)



- Cyan (27%)
- Magenta (45%)
- Yellow (0%)
- Black (10%)



- Cyan (34%)
- Magenta (50%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color A87FE5 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 A87FE5 by changing the saturation by 10% instead.

 A87FE5

 A87FE5

FFFFFF

 8C65C9

 E1B4FF

 714DAD

 FED0FF

 563592

 FFEDFF

 3C1E78

 20065E

 050046

 00042F

 000119

 000000

 A87FE5

 A87FE5

 9A68E5

 B696E5

 8D51E5

 C3ADE5

 7F3AE5

 D1C4E5

 7123E5

 DFDBE5

 640CE5

 ECF2E5

 5C00E5

 FAFFE5

 FFFFE5

Harmonies

Analogous

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



3F94FA



A87FE5



DD6ABB

Triad

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



A87FE5



CC822E



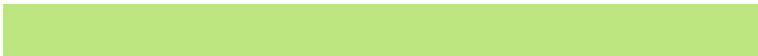
00ACA0

Complementary

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



A87FE5



BCE57F

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.



00A96A



A87FE5



A19520

Square

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



A87FE5



EA6E55



69A23B



00AAD2

Rectangle

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



A87FE5



EE6298



69A23B



00AC8E

Sweetspot

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



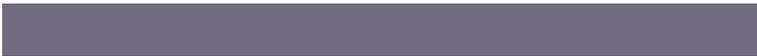
A87FE5



EBDEFF



7FBCE5



736B80



000000



808080

Same Dimension

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



A87FE5



AE78FF



DB7FE5



6C6773



4800B3



150033

Inverse Universe

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



E57FBC



FF78C9



89E57F



73676E



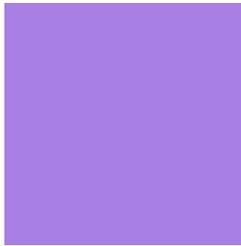
B3006B



33001E

Previews

White Background



This preview shows how the Hex color A87FE5 looks on a white background.

Color Contrast Check

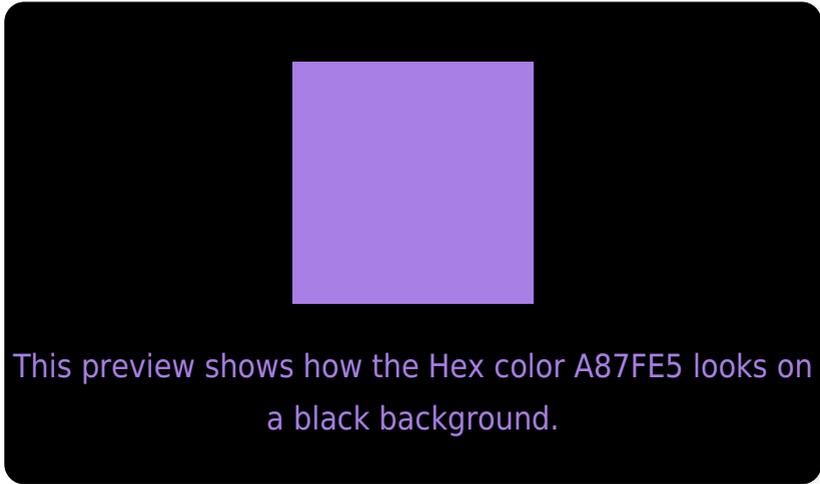
Large Text (above 18pt) WCAG AA ✓ Pass

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

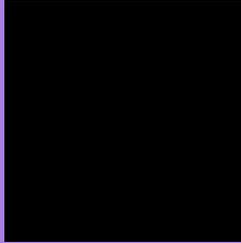
Any Text WCAG AA ✓ Pass

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 A87FE5 Background



This preview shows how black text looks on a background with the Hex color A87FE5.



This preview shows how white text looks on a background with the Hex color A87FE5.

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](#).

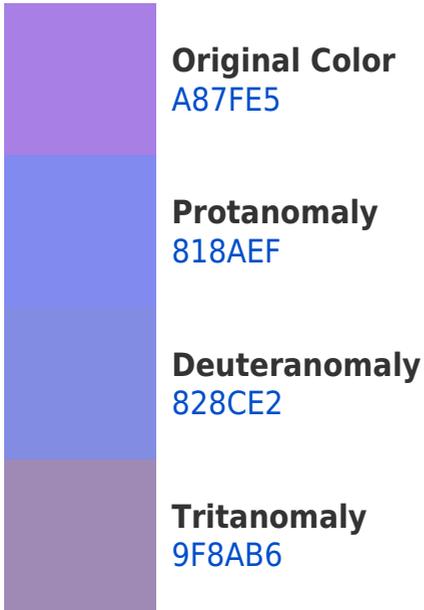
Dichromacy





Tritanopia
9A909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A87FE5 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 #A87FE5 looks like.

```
.text, #text, p{  
    color:#A87FE5  
}
```

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 #A87FE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87FE5
}
```

Border

The CSS property to change the border of an element to Hex A87FE5 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
#A87FE5 }
```

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

```
.border{ border-color:#A87FE5 }
```

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

Here you see how a box with a 4 pixel #A87FE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87FE5; -webkit-box-shadow:4px 4px  
4px 4px #A87FE5; box-shadow:4px 4px 4px  
4px #A87FE5 }
```

Background

The CSS property to change the background color of an element to Hex A87FE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87FE5 }
```

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

```
.background{ background-color:#A87FE5 }
```

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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