

Converting Colors

Hex(A87FD7)

Have a look what the booklet for
Hex(A87FD7) contains.

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Color

Hex(A87FD7)

Conversions

Conversions Part 1

Format	Color
Hex	A87FD7
RGB	168, 127, 215
RGB Percent	66%, 50%, 84%
CMY	0.3412, 0.5020, 0.1569
CMYK	0.22, 0.41, 0.00, 0.16
HSL	268°, 52%, 67%
HSV	268°, 41%, 84%
XYZ	36.0036, 28.4099, 67.8760
YIQ	149.2910, -3.8120, 36.0600

Conversions

Conversions Part 2

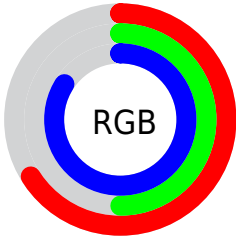
Format	Color
R _{YB}	168, 127, 215
Decimal	11042775
CIE Lab	60.26, 33.08, -39.37
CIE LCh	60, 51.425, 310.037
Yxy	28.4099, 0.2722, 0.2148
Android (android.graphics.Color)	4289232855 (0xFFA87FD7)
YUV	149.2910, 32.3945, 16.4078
Hunter-Lab	53.3009, 27.2961, -38.1922

Details

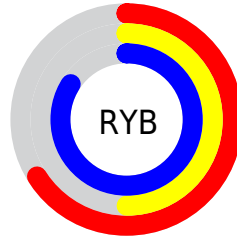
The Hex color **A87FD7** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AED77F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **E1B4FF**, and **724DA0** is the 20% darker color. If you saturate the color by 10%, you get **9D6AD7**, and if you desaturate by 10%, it is **B395D7**.

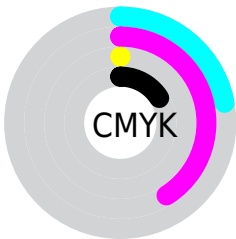
Distribution



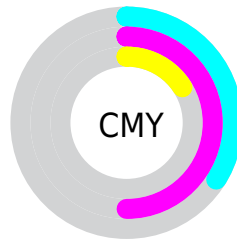
- Red (66%)
- Green (50%)
- Blue (84%)



- Red (66%)
- Yellow (50%)
- Blue (84%)



- Cyan (22%)
- Magenta (41%)
- Yellow (0%)
- Black (16%)



- Cyan (34%)
- Magenta (50%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color A87FD7 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 A87FD7 by changing the saturation by 10% instead.

 A87FD7

 A87FD7

FFFFFF

 8D66BB

 E1B4FF

 724DA0

 FED0FF

 583585

 FFEDFF

 3E1E6C

 250753

 12003C

 000225

 00010D

 000000

 A87FD7

 A87FD7

 9D6AD7

 B395D7

 9154D7

 BFAAD7

 863ED7

 CAC0D7

 7A29D7

 D6D5D7

 6F14D7

 E1EBD7

 6400D7

 EDFFD7

 F8FFD7

 FFFFD7

Harmonies

Analogous

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



5A91EB



A87FD7



D46EB1

Triad

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



A87FD7



C3843A



00A8A0

Complementary

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



A87FD7



AED77F

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.



12A671



A87FD7



9C9432

Square

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



A87FD7



DE7359



6B9F48



00A6CA

Rectangle

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



A87FD7



E26993



6B9F48



00A790

Sweetspot

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



A87FD7



EFE0FF



7FAFD7



766E80



000000



808080

Same Dimension

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



A87FD7



BC82FF



D37FD7



65606B



5000AB



14002B

Inverse Universe

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



D77FAE



FF82C5



83D77F



6B6066



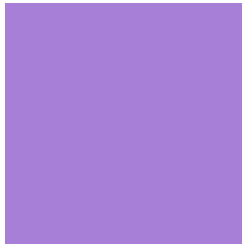
AB005B



2B0017

Previews

White Background



This preview shows how the Hex color A87FD7 looks on a white background.

Color Contrast Check

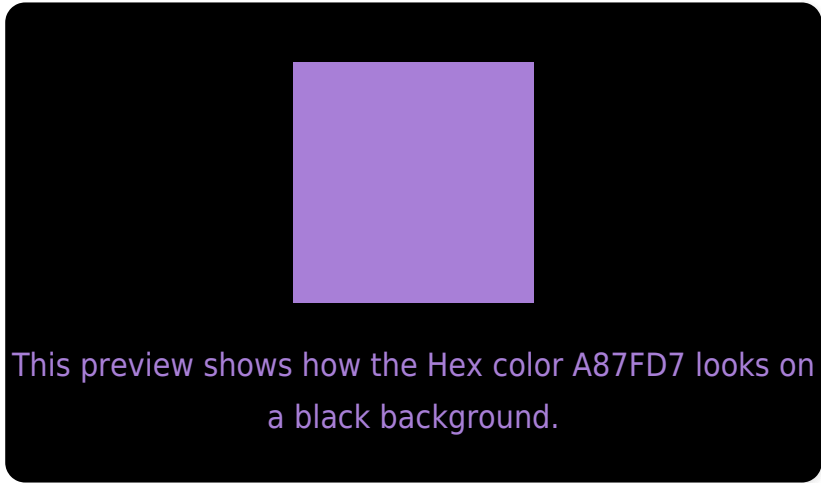
Large Text (above 18pt) WCAG AA ✓ Pass

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

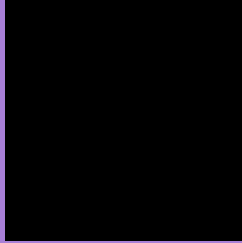
Any Text WCAG AA ✓ Pass

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 A87FD7 Background



This preview shows how black text looks on a background with the Hex color A87FD7.

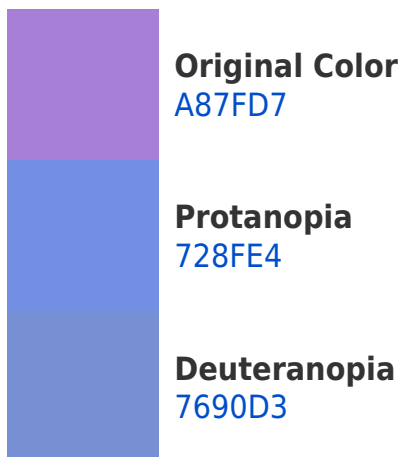


This preview shows how white text looks on a background with the Hex color A87FD7.

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](#).

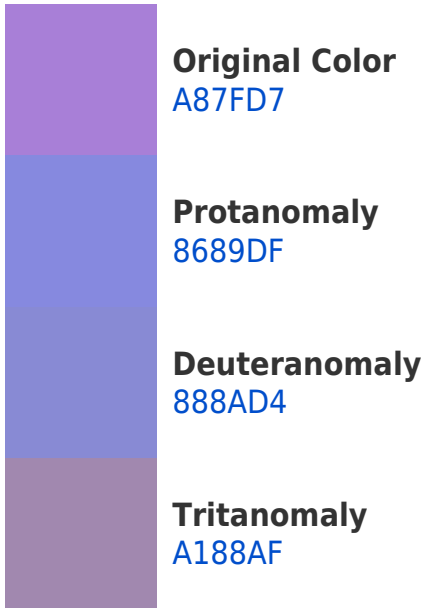
Dichromacy



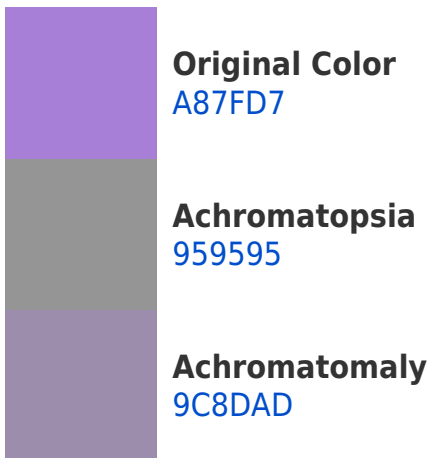


Tritanopia
9D8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A87FD7 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 #A87FD7 looks like.

```
.text, #text, p{  
    color:#A87FD7  
}
```

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 #A87FD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87FD7  
}
```

Border

The CSS property to change the border of an element to Hex A87FD7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

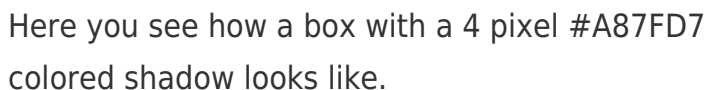
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A87FD7 }
```

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

```
.border{ border-color:#A87FD7 }
```

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



Here you see how a box with a 4 pixel `#A87FD7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87FD7; -webkit-box-shadow:4px 4px  
4px 4px #A87FD7; box-shadow:4px 4px 4px  
4px #A87FD7 }
```

Background

The CSS property to change the background color of an element to Hex A87FD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87FD7 }
```

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

```
.background{ background-color:#A87FD7 }
```

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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