

Converting Colors

Hex(A877DF)

Have a look what the booklet for
Hex(A877DF) contains.

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Color

Hex(A877DF)

Conversions

Conversions Part 1

Format	Color
Hex	A877DF
RGB	168, 119, 223
RGB Percent	66%, 47%, 87%
CMY	0.3412, 0.5333, 0.1255
CMYK	0.25, 0.47, 0.00, 0.13
HSL	268°, 62%, 67%
HSV	268°, 47%, 87%
XYZ	36.0646, 26.8462, 73.0931
YIQ	145.5070, -4.1800, 42.7320

Conversions

Conversions Part 2

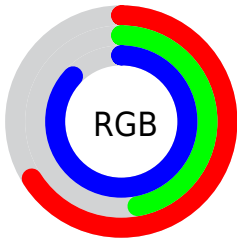
Format	Color
R _Y B	168, 119, 223
Decimal	11040735
CIE Lab	58.83, 39.43, -46.10
CIE LCh	59, 60.662, 310.540
Yxy	26.8462, 0.2652, 0.1974
Android (android.graphics.Color)	4289230815 (0xFFA877DF)
YUV	145.5070, 38.2040, 19.7264
Hunter-Lab	51.8133, 33.5713, -47.3711

Details

The Hex color **A877DF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AEDF77**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E1ACFF**, and **7145A7** is the 20% darker color. If you saturate the color by 10%, you get **9C61DF**, and if you desaturate by 10%, it is **B48DDF**.

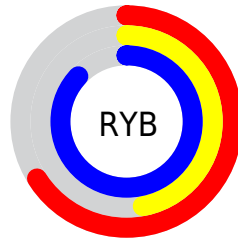
Distribution



Red (66%)

Green (47%)

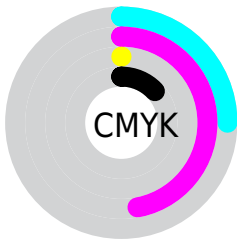
Blue (87%)



Red (66%)

Yellow (47%)

Blue (87%)

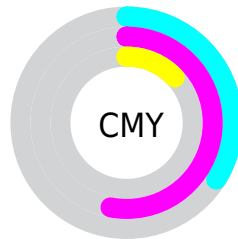


Cyan (25%)

Magenta (47%)

Yellow (0%)

Black (13%)



Cyan (34%)

Magenta (53%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color A877DF 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 A877DF by changing the saturation by 10% instead.

 A877DF

 A877DF

FFFFFF

 8C5EC3

 E1ACFF

 7145A7

 FEC8FF

 562D8C

 FFE4FF

 3C1572

 200059

 070041

 00032A

 000114

 000000

 A877DF

 A877DF

 9C61DF

 B48DDF

 904ADF

 C0A4DF

 8534DF

 CBBADF

 791EDF

 D7D0DF

 6D07DF

 E3E7DF

 6900DF

 EFFDDF

 FBFFDF

 FFFFDF

Harmonies

Analogous

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



3D8DF7



A877DF



DB61B2

Triad

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



A877DF



C47E21



00A79F

Complementary

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



A877DF



AEDF77

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.



00A468



A877DF



979112

Square

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



A877DF



E4684B



5C9E36



00A5D2

Rectangle

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



A877DF



EB598F



5C9E36



00A68D

Sweetspot

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



A877DF



ECDBFF



77AEDF



746A80



000000



808080

Same Dimension

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



A877DF



B370FF



DC77DF



6A6570



5300B0



170030

Inverse Universe

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



DF77AE



FF70BC



7ADF77



70656B



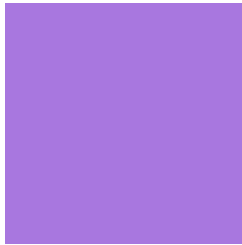
B0005D



30001A

Previews

White Background



This preview shows how the Hex color A877DF 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

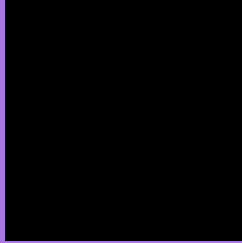
Any Text WCAG AA ✓ Pass

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 A877DF Background



This preview shows how black text looks on a background with the Hex color A877DF.

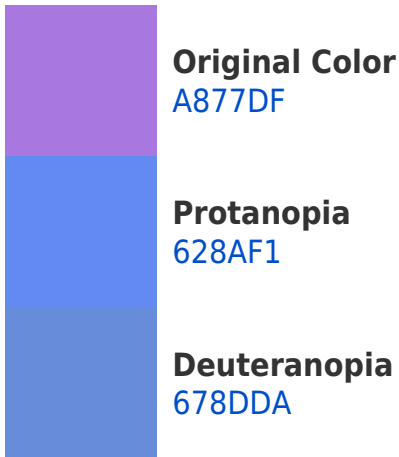


This preview shows how white text looks on a background with the Hex color A877DF.

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
9B8993

Trichromacy



Original Color
A877DF



Protanomaly
7B83EA



Deuteranomaly
7F85DC



Tritanomaly
A082AF

Monochromacy



Original Color
A877DF



Achromatopsia
929292



Achromatomaly
9A88AE

CSS Examples

Text

The CSS property to change the color of the text to Hex A877DF 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 #A877DF looks like.

```
.text, #text, p{  
    color:#A877DF  
}
```

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 #A877DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A877DF
}
```

Border

The CSS property to change the border of an element to Hex A877DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

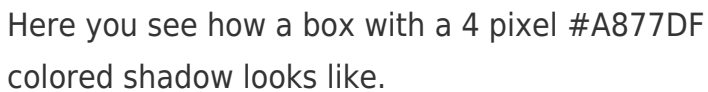
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A877DF }
```

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

```
.border{ border-color:#A877DF }
```

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



Here you see how a box with a 4 pixel #A877DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A877DF; -webkit-box-shadow:4px 4px  
4px 4px #A877DF; box-shadow:4px 4px 4px  
4px #A877DF }
```

Background

The CSS property to change the background color of an element to Hex A877DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A877DF }
```

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

```
.background{ background-color:#A877DF }
```

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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