

Converting Colors

Hex(A647DF)

Have a look what the booklet for
Hex(A647DF) contains.

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Color

Hex(A647DF)

Conversions

Conversions Part 1

Format	Color
Hex	A647DF
RGB	166, 71, 223
RGB Percent	65%, 28%, 87%
CMY	0.3490, 0.7216, 0.1255
CMYK	0.26, 0.68, 0.00, 0.13
HSL	278°, 70%, 58%
HSV	278°, 68%, 87%
XYZ	31.2984, 17.9412, 71.6254
YIQ	116.7330, 7.8280, 67.4120

Conversions

Conversions Part 2

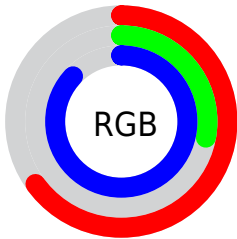
Format	Color
RYB	166, 71, 223
Decimal	10897375
CIELab	49.42, 63.27, -61.14
CIElCh	49, 87.984, 315.982
Yxy	17.9412, 0.2590, 0.1484
Android (android.graphics.Color)	4289087455 (0xFFA647DF)
YUV	116.7330, 52.3896, 43.2072
Hunter-Lab	42.3570, 57.7722, -70.6090

Details

The Hex color **A647DF** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **80DF47**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **E17EFF**, and **6D00A7** is the 20% darker color. If you saturate the color by 10%, you get **9E31DF**, and if you desaturate by 10%, it is **AE5DDF**.

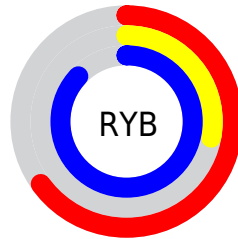
Distribution



Red (65%)

Green (28%)

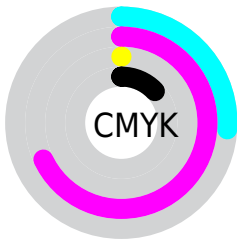
Blue (87%)



Red (65%)

Yellow (28%)

Blue (87%)

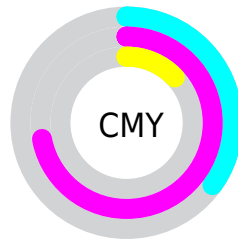


Cyan (26%)

Magenta (68%)

Yellow (0%)

Black (13%)



Cyan (35%)

Magenta (72%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color A647DF 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 A647DF by changing the saturation by 10% instead.

 A647DF

 A647DF

FFFFFF

 892AC3

 E17EFF

 6D00A7

 FF9AFF

 50008C

 FFB6FF

 330071

 FFD3FF

 160058

 FFF0FF

 000040

 000329

 000112

 000000

 A647DF

 A647DF

 9E31DF

 AE5DDF

 951ADF

 B774DF

 8D04DF

 BF8ADF

 8B00DF

 C7A0DF

 D0B7DF

 D8CDDF

 E1E3DF

 E9F9DF

 F1FFDF

Harmonies

Analogous

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



0072FF



A647DF



E5009C

Triad

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



A647DF



AC6500



00949D

Complementary

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



A647DF



80DF47

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.



00914E



A647DF



6B7E00

Square

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



A647DF



DB3800



008C00



0092E1

Rectangle

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



A647DF



F2006A



008C00



009383

Sweetspot

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



A647DF



ECCCCF



4781DF



746180



000000



808080

Same Dimension

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



A647DF



B12EFF



DF47CD



6C6570



6E00B0



1E0030

Inverse Universe

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



DF4780



FF2E7C



47DF59



706569



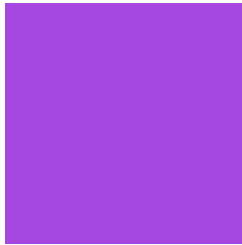
B00042



300012

Previews

White Background



This preview shows how the Hex color A647DF looks on a white background.

Color Contrast Check

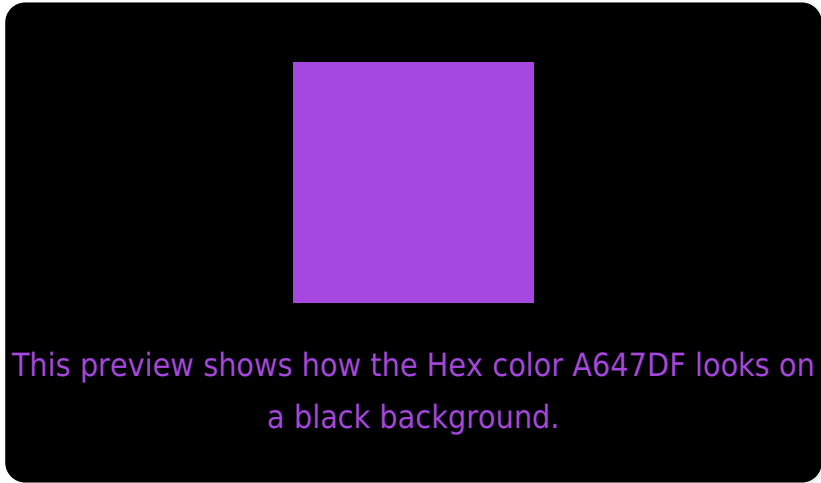
Large Text (above 18pt) WCAG AA ✓ Pass

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

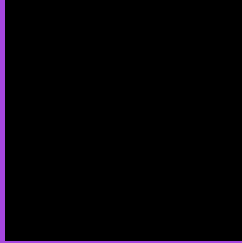
Any Text WCAG AA ✓ Pass

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 A647DF Background



This preview shows how black text looks on a background with the Hex color A647DF.

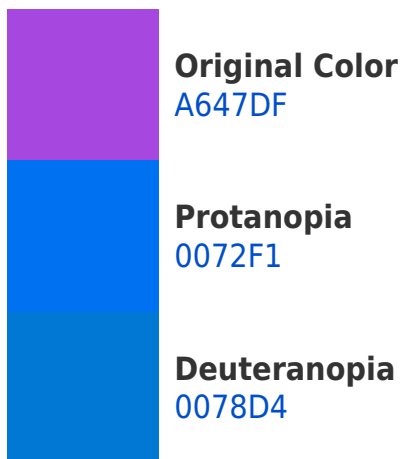


This preview shows how white text looks on a background with the Hex color A647DF.

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](#).

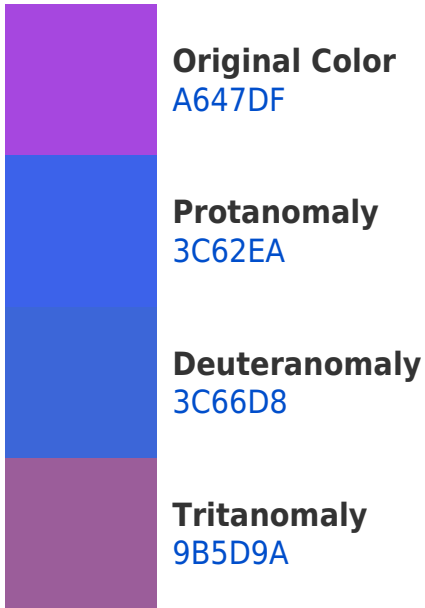
Dichromacy





Tritanopia
946A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A647DF 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 #A647DF looks like.

```
.text, #text, p{  
    color:#A647DF  
}
```

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 #A647DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A647DF
}
```

Border

The CSS property to change the border of an element to Hex A647DF 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".

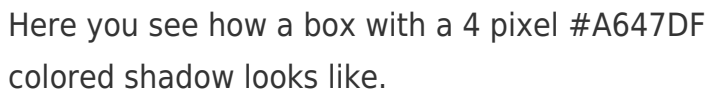
```
.border, #border, table{ border:4px solid
#A647DF }
```

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

```
.border{ border-color:#A647DF }
```

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

Here you see how a box with a 4 pixel #A647DF colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and the shadow is cast to the right and slightly down from the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A647DF; -webkit-box-shadow:4px 4px  
4px 4px #A647DF; box-shadow:4px 4px 4px  
4px #A647DF }
```

Background

The CSS property to change the background color of an element to Hex A647DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A647DF }
```

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

```
.background{ background-color:#A647DF }
```

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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