

Converting Colors

Hex(A67DCF)

Have a look what the booklet for
Hex(A67DCF) contains.

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Color

Hex(A67DCF)

Conversions

Conversions Part 1

Format	Color
Hex	A67DCF
RGB	166, 125, 207
RGB Percent	65%, 49%, 81%
CMY	0.3490, 0.5098, 0.1882
CMYK	0.20, 0.40, 0.00, 0.19
HSL	270°, 46%, 65%
HSV	270°, 40%, 81%
XYZ	34.3220, 27.2792, 62.4879
YIQ	146.6070, -1.8860, 34.1940

Conversions

Conversions Part 2

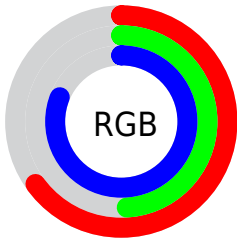
Format	Color
RYB	166, 125, 207
Decimal	10911183
CIELab	59.23, 31.78, -36.49
CIELCh	59, 48.390, 311.048
Yxy	27.2792, 0.2766, 0.2198
Android (android.graphics.Color)	4289101263 (0xFFA67DCF)
YUV	146.6070, 29.7737, 17.0077
Hunter-Lab	52.2295, 25.8975, -34.3745

Details

The Hex color **A67DCF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A6CF7D**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **DEB2FF**, and **704B98** is the 20% darker color. If you saturate the color by 10%, you get **9C68CF**, and if you desaturate by 10%, it is **B092CF**.

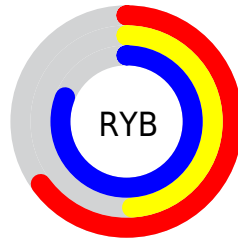
Distribution



Red (65%)

Green (49%)

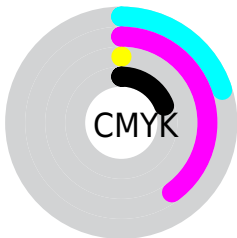
Blue (81%)



Red (65%)

Yellow (49%)

Blue (81%)

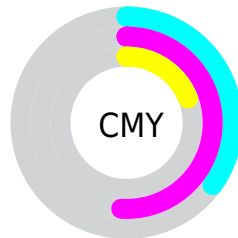


Cyan (20%)

Magenta (40%)

Yellow (0%)

Black (19%)



Cyan (35%)

Magenta (51%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color A67DCF 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 A67DCF by changing the saturation by 10% instead.

 A67DCF

 A67DCF

FFFFFF

 8B64B3

 DEB2FF

 704B98

 FBCEFF


 57347E

 FFEAFF

 3D1D65

 24064C

 110035

 00021F

 000002


 000000

 A67DCF

 A67DCF

 9C68CF

 B092CF

 9154CF

 BBA6CF

 873FCF

 C5BBCF

 7D2ACF

 CFD0CF

 7215CF

 DAE5CF

 6801CF

 E4F9CF

 6800CF

 EEFFCF

 F9FFCF

 FFFF CF

Harmonies

Analogous

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



608EE2



A67DCF



CE6EAB

Triad

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



A67DCF



BD833D



00A49E

Complementary

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



A67DCF



A6CF7D

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.



1DA271



A67DCF



989136

Square

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



A67DCF



D67359



699C4C



00A2C5

Rectangle

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



A67DCF



DB698F



699C4C



00A48F

Sweetspot

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



A67DCF



F0E0FF



7DA6CF



776E80



000000



808080

Same Dimension

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



A67DCF



C285FF



CF7DCF



635E69



5400A8



140029

Inverse Universe

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



CF7DA6



FF85C2



7DCF7D



695E63



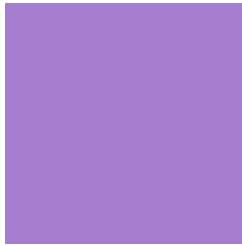
A80054



290014

Previews

White Background



This preview shows how the Hex color A67DCF looks on a white background.

Color Contrast Check

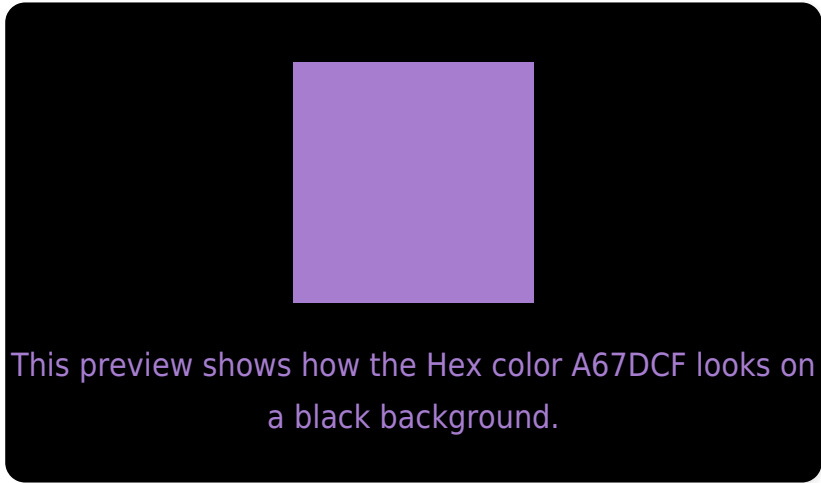
Large Text (above 18pt) WCAG AA ✓ Pass

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

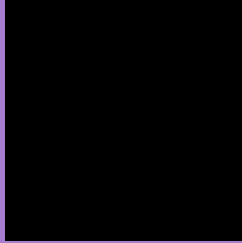
Any Text WCAG AA ✓ Pass

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 A67DCF Background



This preview shows how black text looks on a background with the Hex color A67DCF.

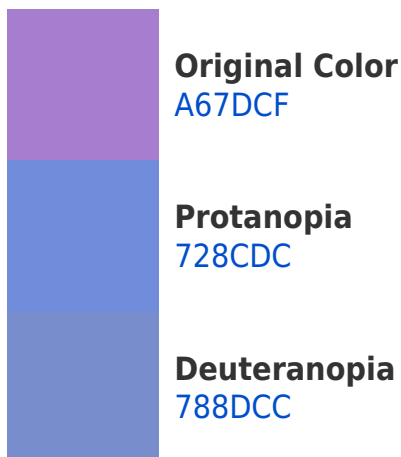



This preview shows how white text looks on a background with the Hex color A67DCF.

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](#).

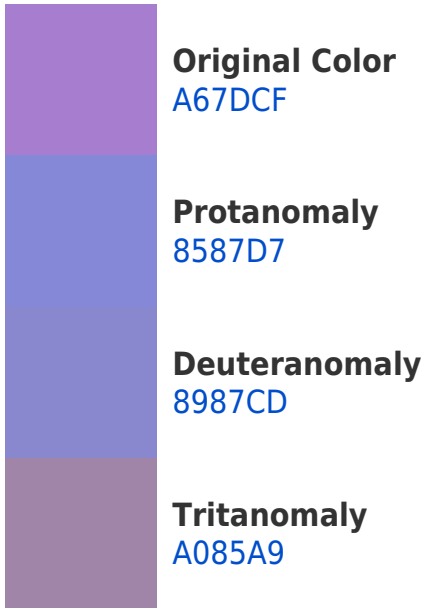
Dichromacy



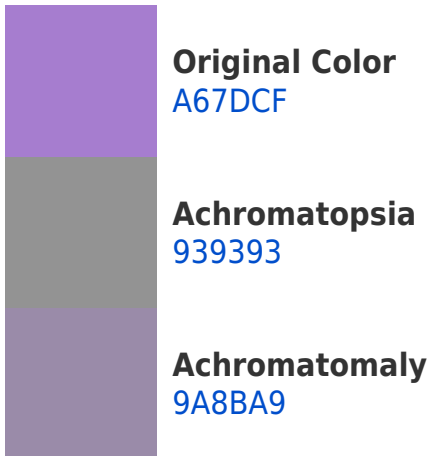


Tritanopia
9C8A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A67DCF 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 #A67DCF looks like.

```
.text, #text, p{  
    color:#A67DCF  
}
```

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 #A67DCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A67DCF  
}
```

Border

The CSS property to change the border of an element to Hex A67DCF 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  
#A67DCF }
```

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

```
.border{ border-color:#A67DCF }
```

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

Here you see how a box with a 4 pixel #A67DCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A67DCF; -webkit-box-shadow:4px 4px  
4px 4px #A67DCF; box-shadow:4px 4px 4px  
4px #A67DCF }
```

Background

The CSS property to change the background color of an element to Hex A67DCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A67DCF }
```

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

```
.background{ background-color:#A67DCF }
```

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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