

Converting Colors

Hex(A47CDB)

Have a look what the booklet for
Hex(A47CDB) contains.

Hex(A47CDB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A47CDB)

Conversions

Conversions Part 1

Format	Color
Hex	A47CDB
RGB	164, 124, 219
RGB Percent	64%, 49%, 86%
CMY	0.3569, 0.5137, 0.1412
CMYK	0.25, 0.43, 0.00, 0.14
HSL	265°, 57%, 67%
HSV	265°, 43%, 86%
XYZ	35.3037, 27.4223, 70.4502
YIQ	146.7900, -6.6550, 38.0250

Conversions

Conversions Part 2

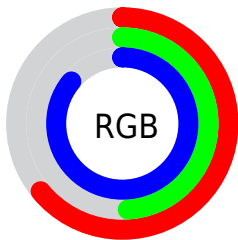
Format	Color
RYB	164, 124, 219
Decimal	10779867
CIELab	59.36, 34.57, -43.05
CIELCh	59, 55.212, 308.771
Yxy	27.4223, 0.2651, 0.2059
Android (android.graphics.Color)	4288969947 (0xFFA47CDB)
YUV	146.7900, 35.5995, 15.0932
Hunter-Lab	52.3663, 28.6980, -43.1084

Details

The Hex color **A47CDB** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B3DB7C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **DDB1FF**, and **6E4AA3** is the 20% darker color. If you saturate the color by 10%, you get **9766DB**, and if you desaturate by 10%, it is **B192DB**.

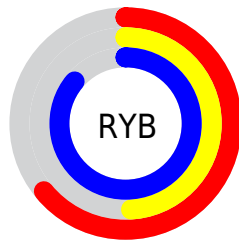
Distribution



Red (64%)

Green (49%)

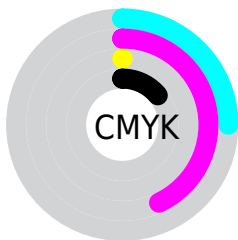
Blue (86%)



Red (64%)

Yellow (49%)

Blue (86%)

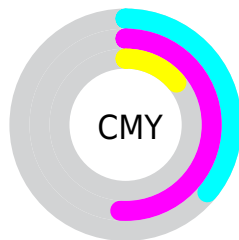


Cyan (25%)

Magenta (43%)

Yellow (0%)

Black (14%)



Cyan (36%)

Magenta (51%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color A47CDB 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 A47CDB by changing the saturation by 10% instead.

 A47CDB

 A47CDB

FFFFFF

 8963BF

 DDB1FF

 6E4AA3

 FACDFF

 533289

 FFE9FF

 391C6F

 1E0456

 08003E

 000327

 000111

 000000

 A47CDB

 A47CDB

 9766DB

 B192DB

 8B50DB

 BDA8DB

 7E3ADB

 CABEDB

 7124DB

 D7D4DB

 650EDB

 E3EADB

 5C00DB

 F0FFDB

 FDFFDDB

 FFFFDB

Harmonies

Analogous

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



4890EF



A47CDB



D569B3

Triad

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



A47CDB



C58031



00A79C

Complementary

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



A47CDB



B3DB7C

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.



00A46A



A47CDB



9B9126

Square

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



A47CDB



E06D55



679D3E



00A5CB

Rectangle

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



A47CDB



E46293



679D3E



00A68B

Sweetspot

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



A47CDB



ECDEFF



7CB3DB



746B80



000000



808080

Same Dimension

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



A47CDB



B27AFF



D37CDB



67636E



4900AD



13002E

Inverse Universe

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



DB7CB3



FF7AC7



84DB7C



6E6369



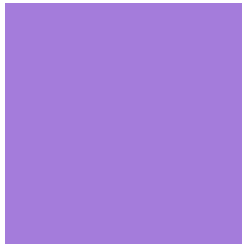
AD0064



2E001B

Previews

White Background



This preview shows how the Hex color A47CDB looks on a white background.

Color Contrast Check

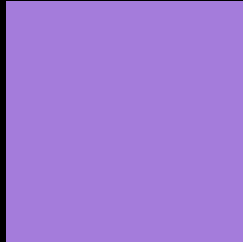
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color A47CDB looks on a 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 A47CDB Background



This preview shows how black text looks on a background with the Hex color A47CDB.

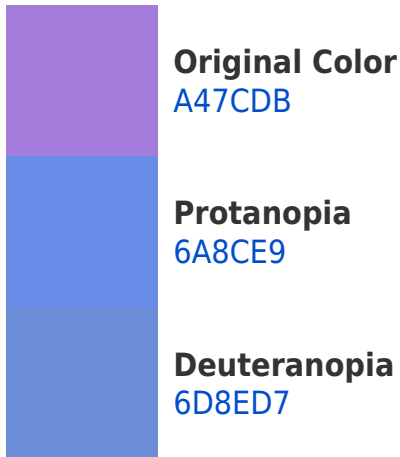


This preview shows how white text looks on a background with the Hex color A47CDB.

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
988B96

Trichromacy



Original Color
A47CDB



Protanomaly
7F86E4



Deuteranomaly
8187D8



Tritanomaly
9C86AF

Monochromacy



Original Color
A47CDB



Achromatopsia
939393



Achromatomaly
998BAD

CSS Examples

Text

The CSS property to change the color of the text to Hex A47CDB 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 #A47CDB looks like.

```
.text, #text, p{  
    color:#A47CDB  
}
```

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 #A47CDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A47CDB
}
```

Border

The CSS property to change the border of an element to Hex A47CDB 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
#A47CDB }
```

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

```
.border{ border-color:#A47CDB }
```

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

Here you see how a box with a 4 pixel #A47CDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A47CDB; -webkit-box-shadow:4px 4px  
4px 4px #A47CDB; box-shadow:4px 4px 4px  
4px #A47CDB }
```

Background

The CSS property to change the background color of an element to Hex A47CDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A47CDB }
```

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

```
.background{ background-color:#A47CDB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor