

Converting Colors

Hex(AC9DD4)

Have a look what the booklet for
Hex(AC9DD4) contains.

| | |
|------------------------------------------------|----|
| Hex(AC9DD4) | 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(AC9DD4)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AC9DD4 |
| RGB | 172, 157, 212 |
| RGB Percent | 67%, 62%, 83% |
| CMY | 0.3255, 0.3843, 0.1686 |
| CMYK | 0.19, 0.26, 0.00, 0.17 |
| HSL | 256°, 39%, 72% |
| HSV | 256°, 26%, 83% |
| XYZ | 40.9539, 37.6381, 67.3937 |
| YIQ | 167.7550, -8.7150, 20.2850 |

Conversions

Conversions Part 2

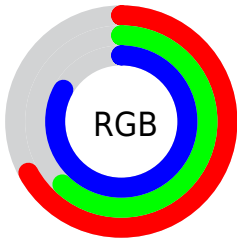
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 172, 157, 212 |
| Decimal | 11312596 |
| CIE _{Lab} | 67.75, 16.65, -26.04 |
| CIE _{LCh} | 68, 30.908, 302.585 |
| Yxy | 37.6381, 0.2805, 0.2578 |
| Android (android.graphics.Color) | 4289502676 (0xFFAC9DD4) |
| YUV | 167.7550, 21.8128, 3.7229 |
| Hunter-Lab | 61.3499, 11.7948, -22.1860 |

Details

The Hex color **AC9DD4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C5D49D**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **E4D4FF**, and **776A9D** is the 20% darker color. If you saturate the color by 10%, you get **9D88D4**, and if you desaturate by 10%, it is **BBB2D4**.

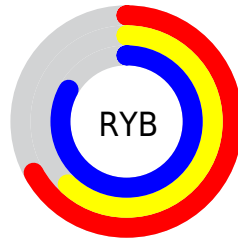
Distribution



Red (67%)

Green (62%)

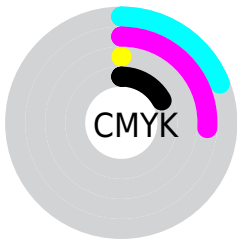
Blue (83%)



Red (67%)

Yellow (62%)

Blue (83%)

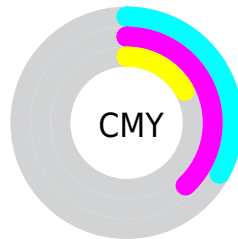


Cyan (19%)

Magenta (26%)

Yellow (0%)

Black (17%)



Cyan (33%)

Magenta (38%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC9DD4 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 AC9DD4 by changing the saturation by 10% instead.

■ AC9DD4

■ AC9DD4

FFFFFF

■ 9183B8

■ E4D4FF

■ 776A9D

■ FFF0FF

■ 5E5183

■ 453A6A

■ 2D2551

■ 16103A

■ 000024

■ 00000C

■ 000000

AC9DD4

AC9DD4

9D88D4

BBB2D4

8D73D4

CBC7D4

7E5DD4

DADDD4

6E48D4

EAF2D4

5F33D4

F9FFD4

4F1ED4

FFFFD4

4009D4

3A00D4

Harmonies

Analogous

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



83A7DC



AC9DD4



CB94BF

Triad

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



AC9DD4



CE9B74



58B4A7

Complementary

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



AC9DD4



C5D49D

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.



78B28B



AC9DD4



B6A46D

Square

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



AC9DD4



DB9388



98AC75



48B3C2

Rectangle

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



AC9DD4



D791AD



98AC75



62B49D

Sweetspot

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



AC9DD4



F0EBFF



9DC5D4



767380



000000



808080

Same Dimension

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



AC9DD4



C6B0FF



C79DD4



63606B



2F00AB



0C002B

Inverse Universe

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



D49DC5



FFB0E9



AAD49D



6B6068



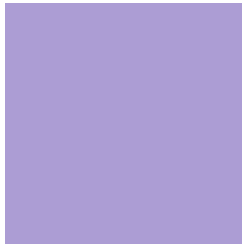
AB007C



2B0020

Previews

White Background



This preview shows how the Hex color AC9DD4 looks on a white background.

Color Contrast Check

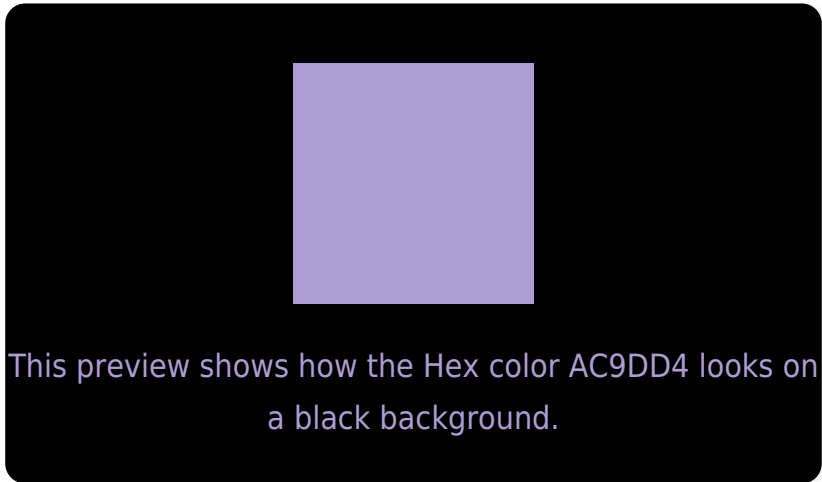
Large Text (above 18pt) WCAG AA × Fail

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

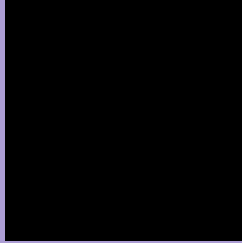
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AC9DD4 Background



This preview shows how black text looks on a background with the Hex color AC9DD4.

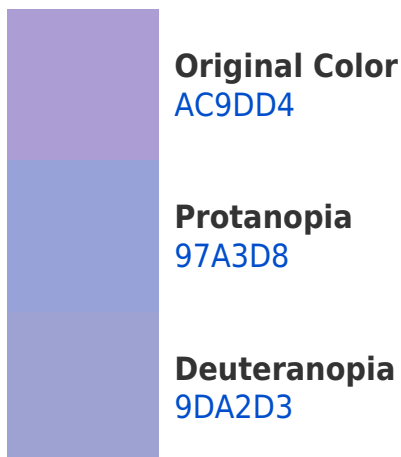


This preview shows how white text looks on a background with the Hex color AC9DD4.

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
A6A4B1

Trichromacy



Original Color
AC9DD4

Protanomaly
9FA1D7

Deuteranomaly
A2A0D3

Tritanomaly
A8A1BE

Monochromacy



Original Color
AC9DD4

Achromatopsia
A8A8A8

Achromatomaly
A9A4B8

CSS Examples

Text

The CSS property to change the color of the text to Hex AC9DD4 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 #AC9DD4 looks like.

```
.text, #text, p{  
    color:#AC9DD4  
}
```

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 #AC9DD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC9DD4
}
```

Border

The CSS property to change the border of an element to Hex AC9DD4 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
#AC9DD4 }
```

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

```
.border{ border-color:#AC9DD4 }
```

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

Here you see how a box with a 4 pixel #AC9DD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC9DD4; -webkit-box-shadow:4px 4px  
4px 4px #AC9DD4; box-shadow:4px 4px 4px  
4px #AC9DD4 }
```

Background

The CSS property to change the background color of an element to Hex AC9DD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC9DD4 }
```

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

```
.background{ background-color:#AC9DD4 }
```

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