

Converting Colors

Hex(ACA8D7)

Have a look what the booklet for
Hex(ACA8D7) contains.

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Color

Hex(ACA8D7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ACA8D7 |
| RGB | 172, 168, 215 |
| RGB Percent | 67%, 66%, 84% |
| CMY | 0.3255, 0.3412, 0.1569 |
| CMYK | 0.20, 0.22, 0.00, 0.16 |
| HSL | 245°, 37%, 75% |
| HSV | 245°, 22%, 84% |
| XYZ | 43.2816, 41.6822, 70.0543 |
| YIQ | 174.5540, -12.7030, 15.4650 |

Conversions

Conversions Part 2

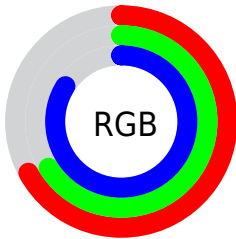
| Format | Color |
|-------------------------------------|---|
| RYB | 172, 168, 215 |
| Decimal | 11315415 |
| CIELab | 70.65, 11.18, -23.26 |
| CIELCh | 71, 25.806, 295.664 |
| Yxy | 41.6822, 0.2792, 0.2689 |
| Android (android.graphics.Color) | 4289505495 (0xFFACA8D7) |
| YUV | 174.5540, 19.9399, -2.2399 |
| Hunter-Lab | 64.5618, 6.6817, -19.1408 |

Details

The Hex color `ACA8D7` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `D3D7A8`, and the grayscale version is `AEAEAE`.

A 20% lighter version of the original color is `E4DFFF`, and `7774A0` is the 20% darker color. If you saturate the color by 10%, you get `9893D7`, and if you desaturate by 10%, it is `C0BED7`.

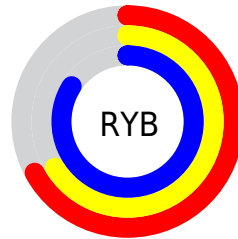
Distribution



Red (67%)

Green (66%)

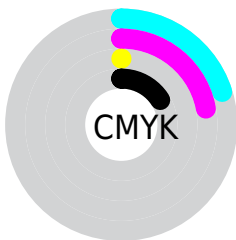
Blue (84%)



Red (67%)

Yellow (66%)

Blue (84%)

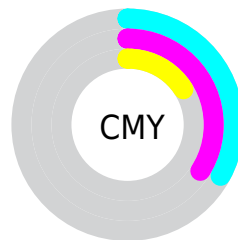


Cyan (20%)

Magenta (22%)

Yellow (0%)

Black (16%)



Cyan (33%)

Magenta (34%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACA8D7 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 ACA8D7 by changing the saturation by 10% instead.

■ ACA8D7

■ ACA8D7

FFFFFF

■ 918EBB

■ E4DFFF

■ 7774A0

■ FFFCFF

■ 5E5B86

■ 45446C

■ 2E2E54

■ 16193D

■ 010027

■ 000110

■ 000000

■ ACA8D7

■ ACA8D7

■ 9893D7

■ C0BED7

■ 857DD7

■ D3D3D7

■ 7167D7

■ E7E9D7

■ 5D52D7

■ FBFED7

■ 4A3DD7

■ FFFFD7

■ 3627D7

■ 2211D7

■ 1200D7

Harmonies

Analogous

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



8BB0DB



ACA8D7



C8A0C8

Triad

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



ACA8D7



D4A287



75BAA8

Complementary

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



ACA8D7



D3D7A8

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.



8EB792



ACA8D7



C1AA7E

Square

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



ACA8D7



DC9D9A



A9B282



67BAC0

Rectangle

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



ACA8D7



D59DB9



A9B282



7DB9A0

Sweetspot

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



ACA8D7



EFEDFF



A8D3D7



767580



000000



808080

Same Dimension

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



ACA8D7



C2BDFE



C3A8D7



61606B



0F00AB



04002B

Inverse Universe

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



D7A8D3



FFBDF9



BCD7A8



6B606A



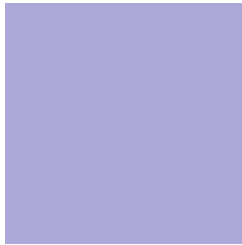
AB009C



2B0028

Previews

White Background



This preview shows how the Hex color ACA8D7 looks on a white background.

Color Contrast Check

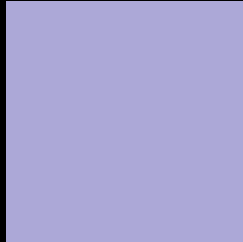
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color ACA8D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

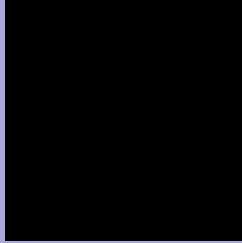
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex ACA8D7 Background



This preview shows how black text looks on a background with the Hex color ACA8D7.



This preview shows how white text looks on a background with the Hex color ACA8D7.

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



Original Color
ACA8D7

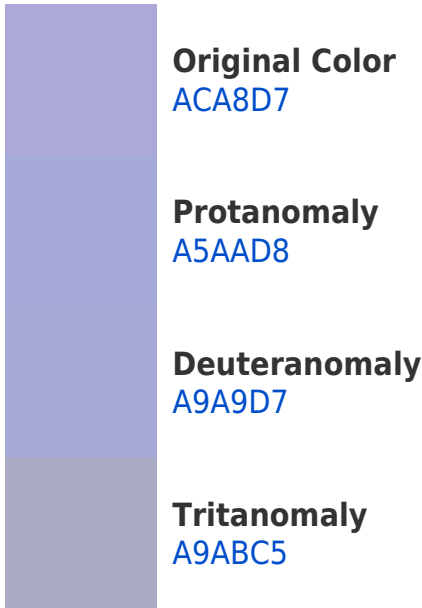
Protanopia
A1ABD9

Deuteranopia
A8A9D7

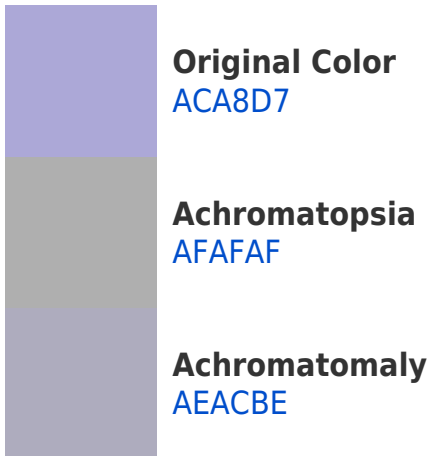


Tritanopia
A7ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACA8D7 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 #ACA8D7 looks like.

```
.text, #text, p{  
    color:#ACA8D7  
}
```

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 #ACA8D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACA8D7
}
```

Border

The CSS property to change the border of an element to Hex ACA8D7 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
#ACA8D7 }
```

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

```
.border{ border-color:#ACA8D7 }
```

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

Here you see how a box with a 4 pixel #ACA8D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACA8D7; -webkit-box-shadow:4px 4px  
4px 4px #ACA8D7; box-shadow:4px 4px 4px  
4px #ACA8D7 }
```

Background

The CSS property to change the background color of an element to Hex ACA8D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACA8D7 }
```

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

```
.background{ background-color:#ACA8D7 }
```

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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