

# Converting Colors

Hex(ACA6C0)

Have a look what the booklet for  
Hex(ACA6C0) contains.

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# **Color**

**Hex(ACA6C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACA6C0
RGB	172, 166, 192
RGB Percent	67%, 65%, 75%
CMY	0.3255, 0.3490, 0.2471
CMYK	0.10, 0.14, 0.00, 0.25
HSL	254°, 17%, 70%
HSV	254°, 14%, 75%
XYZ	40.1639, 39.8489, 55.4439
YIQ	170.7580, -4.7700, 9.3580

# Conversions

## Conversions Part 2

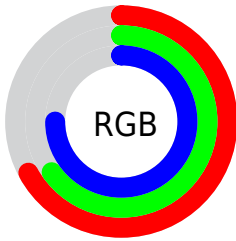
Format	Color
<a href="#">RYB</a>	<a href="#">172, 166, 192</a>
Decimal	<a href="#">11314880</a>
CIELab	<a href="#">69.36, 7.27, -12.53</a>
CIELCh	<a href="#">69, 14.487, 300.106</a>
Yxy	<a href="#">39.8489, 0.2965, 0.2942</a>
Android (android.graphics.Color)	<a href="#">4289504960 (0xFFACA6C0)</a>
YUV	<a href="#">170.7580, 10.4723, 1.0892</a>
Hunter-Lab	<a href="#">63.1260, 3.1002, -7.8866</a>

# Details

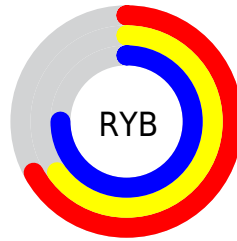
The Hex color **ACA6C0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BAC0A6**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **E3DDF8**, and **78728B** is the 20% darker color. If you saturate the color by 10%, you get **9D93C0**, and if you desaturate by 10%, it is **BBB9C0**.

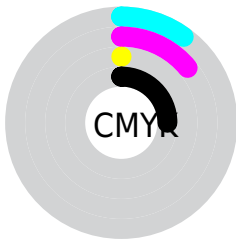
# Distribution



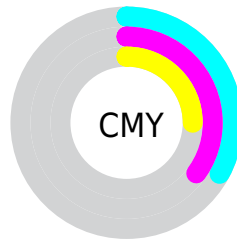
- Red (67%)
- Green (65%)
- Blue (75%)



- Red (67%)
- Yellow (65%)
- Blue (75%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (35%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACA6C0 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 ACA6C0 by changing the saturation by 10% instead.



■ ACA6C0

■ ACA6C0

FFFFFF

■ 918CA5

■ E3DDF8

■ 78728B

■ FFFAFF

■ 5F5A71

■ 474259

■ 302C41

■ 1B182B

■ 000017

■ 000000

■ ACA6C0

■ ACA6C0

9D93C0

BBB9C0

8E80C0

CACCC0

806CC0

D8E0C0

7159C0

E7F3C0

6246C0

F6FFC0

5333C0

FFFFC0

4520C0

360CC0

2C00C0

# Harmonies

## Analogous

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



9BAAC3



ACA6C0



BBA2B7

# Triad

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



ACA6C0



BFA493



8BB1A9

# Complementary

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



ACA6C0



BAC0A6

# 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.



97B09C



ACA6C0



B4A88F

# Square

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



ACA6C0



C5A19D



A5AD93



87B1B6

# Rectangle

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



ACA6C0



C1A1AE



A5AD93



8EB1A4



# Sweetspot

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



ACA6C0



F2F0FA



A6BAC0



78777D



FCFCFC



7D7D7D



# Same Dimension

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



ACA6C0



DBD2FA



B9A6C0



595761



2500A1



080021



# Inverse Universe

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



C0A6BA



FAD2F1



ADC0A6



61575F



A1007C

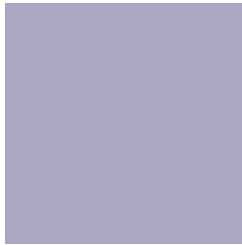


21001A



# Previews

## White Background



This preview shows how the Hex color ACA6C0 looks on a white background.

## Color Contrast Check

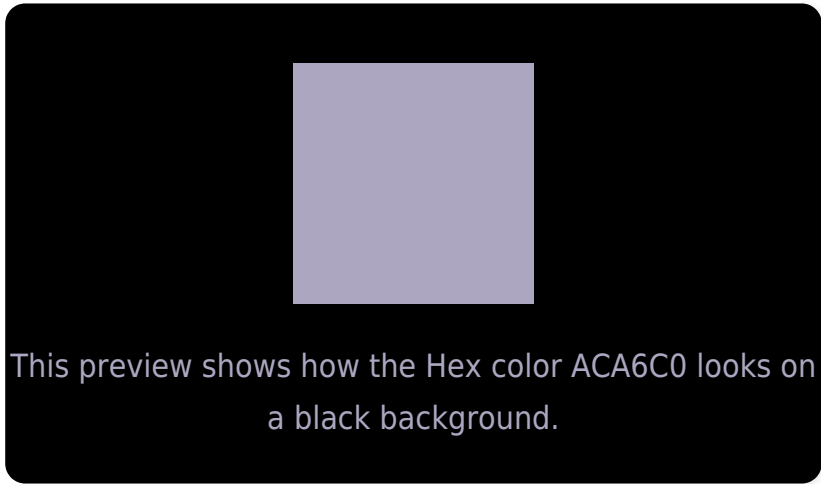
Large Text (above 18pt) WCAG AA × Fail

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

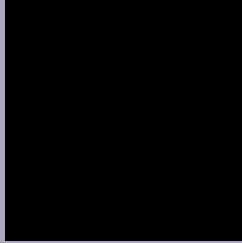
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACA6C0 Background



This preview shows how black text looks on a background with the Hex color ACA6C0.



This preview shows how white text looks on a background with the Hex color ACA6C0.

# 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**  
ACA6C0

**Protanopia**  
A5A8C1

**Deuteranopia**  
AFA5C0



**Tritanopia**  
AAA8B5

# Trichromacy



**Original Color**  
ACA6C0

**Protanomaly**  
A8A7C1

**Deuteranomaly**  
AEA5C0

**Tritanomaly**  
ABA7B9

# Monochromacy



**Original Color**  
ACA6C0

**Achromatopsia**  
ABABAB

**Achromatomaly**  
ABA9B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACA6C0 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 #ACA6C0 looks like.

```
.text, #text, p{  
    color:#ACA6C0  
}
```

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 #ACA6C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACA6C0  
}
```

## Border

The CSS property to change the border of an element to Hex ACA6C0 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  
#ACA6C0 }
```

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

```
.border{ border-color:#ACA6C0 }
```

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

Here you see how a box with a 4 pixel #ACA6C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACA6C0; -webkit-box-shadow:4px 4px  
4px 4px #ACA6C0; box-shadow:4px 4px 4px  
4px #ACA6C0 }
```

# Background

The CSS property to change the background color of an element to Hex ACA6C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACA6C0 }
```

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

```
.background{ background-color:#ACA6C0 }
```

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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