

# Converting Colors

Hex(ACACC6)

Have a look what the booklet for  
Hex(ACACC6) contains.

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# **Color**

**Hex(ACACC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACACC6
RGB	172, 172, 198
RGB Percent	67%, 67%, 78%
CMY	0.3255, 0.3255, 0.2235
CMYK	0.13, 0.13, 0.00, 0.22
HSL	240°, 19%, 73%
HSV	240°, 13%, 78%
XYZ	41.9588, 42.3529, 59.3895
YIQ	174.9640, -8.3460, 8.0860

# Conversions

## Conversions Part 2

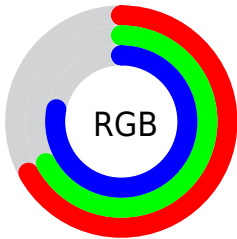
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 172, 198
Decimal	11316422
CIELab	71.11, 5.22, -13.21
CIELCh	71, 14.210, 291.570
Yxy	42.3529, 0.2920, 0.2947
Android (android.graphics.Color)	4289506502 (0xFFACACC6)
YUV	174.9640, 11.3567, -2.5994
Hunter-Lab	65.0791, 1.1968, -8.5512

# Details

The Hex color **ACACC6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C6C6AC**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **E4E3FF**, and **787890** is the 20% darker color. If you saturate the color by 10%, you get **9898C6**, and if you desaturate by 10%, it is **C0C0C6**.

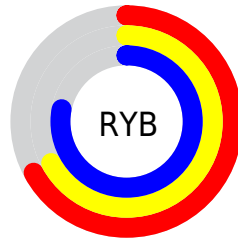
# Distribution



Red (67%)

Green (67%)

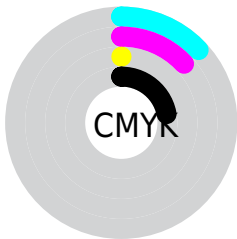
Blue (78%)



Red (67%)

Yellow (67%)

Blue (78%)

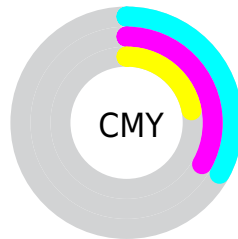


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (22%)



Cyan (33%)

Magenta (33%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACACC6 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 ACACC6 by changing the saturation by 10% instead.



■ ACACC6

■ ACACC6

FFFFFF

■ 9191AB

■ E4E3FF

■ 787890

■ 5F5F76

■ 47475E

■ 303146

■ 1A1C30

■ 02011B

■ 000000

■ ACACC6

■ ACACC6

9898C6

C0C0C6

8484C6

D4D4C6

7171C6

E7E7C6

5D5DC6

FBFBC6

4949C6

FFFFC6

3535C6

2121C6

0E0EC6

0000C6

# Harmonies

## Analogous

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



9CB0C7



ACACC6



BCA8BE

# Triad

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



ACACC6



C6A89A



93B6AA

# Complementary

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



ACACC6



C6C6AC

# 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.



A0B49E



ACACC6



BCAC95

# Square

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



ACACC6



CAA6A5



AEB096



8DB6B7

# Rectangle

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



ACACC6



C3A6B7



AEB096



97B5A5



# Sweetspot

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



ACACC6



F5F5FF



ACC6C6



797980



000000



808080



# Same Dimension

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



ACACC6



D6D6FF



B9ACC6



5A5A63



0000A3



000024



# Inverse Universe

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



C6ACC6



FFD6FF



B9C6AC



635A63



A300A3



240024



# Previews

## White Background



This preview shows how the Hex color ACACC6 looks on a white background.

## Color Contrast Check

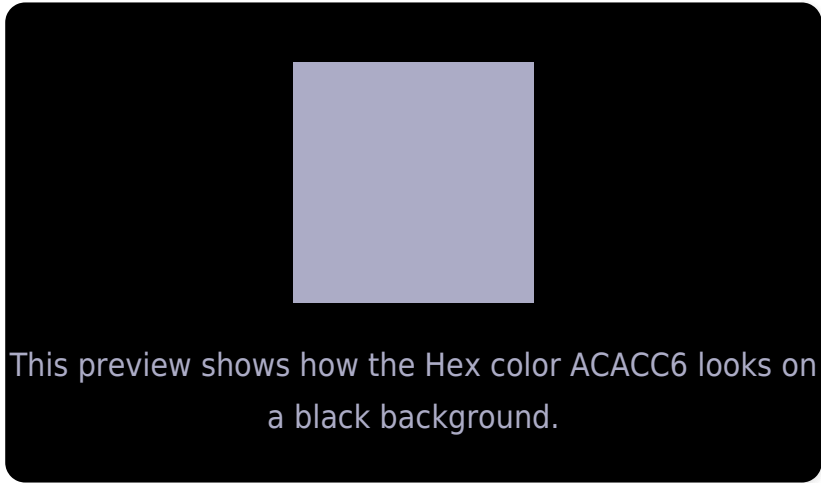
Large Text (above 18pt) WCAG AA × Fail

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

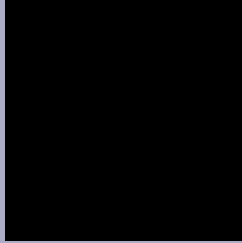
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACACC6 Background



This preview shows how black text looks on a background with the Hex color ACACC6.



This preview shows how white text looks on a background with the Hex color ACACC6.

# 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**  
ACACC6

**Protanopia**  
AAADC6

**Deuteranopia**  
B3AAC6



# Trichromacy



**Original Color**  
ACACC6

**Protanomaly**  
ABADC6

**Deuteranomaly**  
B0ABC6

**Tritanomaly**  
ABADC0

# Monochromacy



**Original Color**  
ACACC6

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
AEAEB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACACC6 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 #ACACC6 looks like.

```
.text, #text, p{  
    color:#ACACC6  
}
```

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 #ACACC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACACC6
}
```

## Border

The CSS property to change the border of an element to Hex ACACC6 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
#ACACC6 }
```

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

```
.border{ border-color:#ACACC6 }
```

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

Here you see how a box with a 4 pixel #ACACC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACACC6; -webkit-box-shadow:4px 4px  
4px 4px #ACACC6; box-shadow:4px 4px 4px  
4px #ACACC6 }
```

# Background

The CSS property to change the background color of an element to Hex ACACC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACACC6 }
```

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

```
.background{ background-color:#ACACC6 }
```

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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