

# Converting Colors

Hex(ACACD6)

Have a look what the booklet for  
Hex(ACACD6) contains.

<b>Hex(ACACD6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(ACACD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACACD6
RGB	172, 172, 214
RGB Percent	67%, 67%, 84%
CMY	0.3255, 0.3255, 0.1608
CMYK	0.20, 0.20, 0.00, 0.16
HSL	240°, 34%, 76%
HSV	240°, 20%, 84%
XYZ	43.9034, 43.1307, 69.6294
YIQ	176.7880, -13.4820, 13.0620

# Conversions

## Conversions Part 2

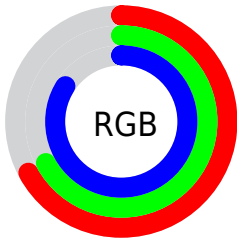
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 172, 214
Decimal	11316438
CIE Lab	71.64, 8.73, -21.20
CIE LCh	72, 22.927, 292.387
Yxy	43.1307, 0.2802, 0.2753
Android (android.graphics.Color)	4289506518 (0xFFACACD6)
YUV	176.7880, 18.3455, -4.1991
Hunter-Lab	65.6740, 4.3986, -16.8891

# Details

The Hex color **ACACD6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D6D6AC**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **E4E3FF**, and **77789F** is the 20% darker color. If you saturate the color by 10%, you get **9797D6**, and if you desaturate by 10%, it is **C1C1D6**.

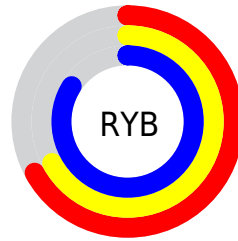
# Distribution



Red (67%)

Green (67%)

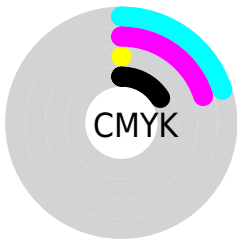
Blue (84%)



Red (67%)

Yellow (67%)

Blue (84%)

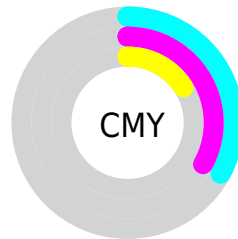


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (16%)



Cyan (33%)

Magenta (33%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACACD6 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 ACACD6 by changing the saturation by 10% instead.



■ ACACD6

■ ACACD6

FFFFFF

■ 9191BA

■ E4E3FF

■ 77789F

■ 5E5F85

■ 46486C

■ 2E3153

■ 171C3C

■ 010126

■ 000110

■ 000000

 ACACD6

 ACACD6

 9797D6

 C1C1D6

 8181D6

 D7D7D6

 6C6CD6

 ECECD6

 5656D6

 FFFFD6

 4141D6

 2C2CD6

 1616D6

 0101D6

 0000D6

# Harmonies

## Analogous

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



90B3D8



ACACD6



C5A5C9

# Triad

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



ACACD6



D4A68F



81BBA9

# Complementary

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



ACACD6



D6D6AC

# 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.



97B895



ACACD6



C4AC86

# Square

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



ACACD6



DBA1A1



AFB389



75BBBF

# Rectangle

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



ACACD6



D2A2BD



AFB389



88BAA2



# Sweetspot

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



ACACD6



F0F0FF



ACD6D6



777780



000000



808080



# Same Dimension

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



ACACD6



C2C2FF



C1ACD6



60606B



0000AB



00002B



# Inverse Universe

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



D6ACD6



FFC2FF



C1D6AC



6B606B



AB00AB

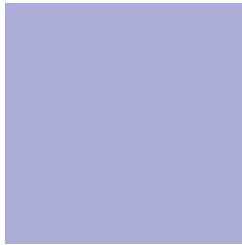


2B002B



# Previews

## White Background



This preview shows how the Hex color ACACD6 looks on a white background.

## Color Contrast Check

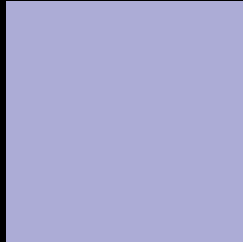
Large Text (above 18pt) WCAG AA × Fail

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 ACACD6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

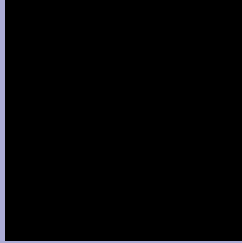
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACACD6 Background



This preview shows how black text looks on a background with the Hex color ACACD6.



This preview shows how white text looks on a background with the Hex color ACACD6.

# 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



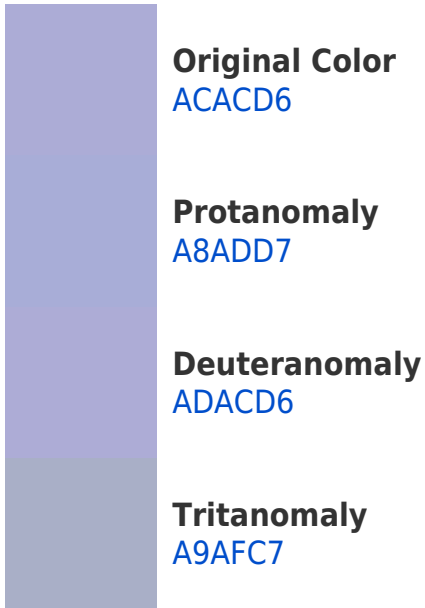
**Original Color**  
ACACD6

**Protanopia**  
A6AED7

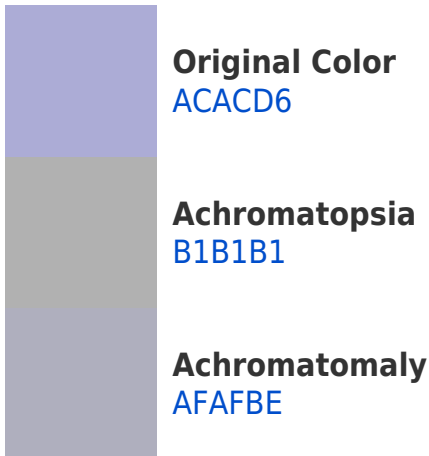
**Deuteranopia**  
ADACD6



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACACD6 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 #ACACD6 looks like.

```
.text, #text, p{  
    color:#ACACD6  
}
```

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 #ACACD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACACD6  
}
```

## Border

The CSS property to change the border of an element to Hex ACACD6 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  
#ACACD6 }
```

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

```
.border{ border-color:#ACACD6 }
```

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

Here you see how a box with a 4 pixel #ACACD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACACD6; -webkit-box-shadow:4px 4px  
4px 4px #ACACD6; box-shadow:4px 4px 4px  
4px #ACACD6 }
```

# Background

The CSS property to change the background color of an element to Hex ACACD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACACD6 }
```

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

```
.background{ background-color:#ACACD6 }
```

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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