

# Converting Colors

Hex(AEACD6)

Have a look what the booklet for  
Hex(AEACD6) contains.

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# **Color**

**Hex(AEACD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEACD6
RGB	174, 172, 214
RGB Percent	68%, 67%, 84%
CMY	0.3176, 0.3255, 0.1608
CMYK	0.19, 0.20, 0.00, 0.16
HSL	243°, 34%, 76%
HSV	243°, 20%, 84%
XYZ	44.3457, 43.3588, 69.6501
YIQ	177.3860, -12.2900, 13.4860

# Conversions

## Conversions Part 2

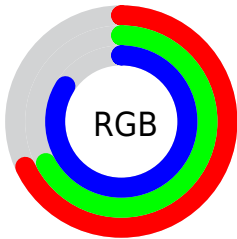
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 172, 214
Decimal	11447510
CIELab	71.80, 9.36, -20.95
CIELCh	72, 22.947, 294.076
Yxy	43.3588, 0.2818, 0.2755
Android (android.graphics.Color)	4289637590 (0xFFFAEACD6)
YUV	177.3860, 18.0507, -2.9695
Hunter-Lab	65.8474, 4.9800, -16.6209

# Details

The Hex color **AEACD6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D4D6AC**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **E6E3FF**, and **79789F** is the 20% darker color. If you saturate the color by 10%, you get **9A97D6**, and if you desaturate by 10%, it is **C2C1D6**.

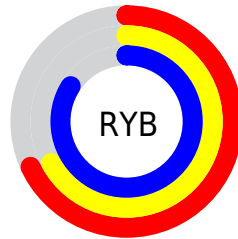
# Distribution



Red (68%)

Green (67%)

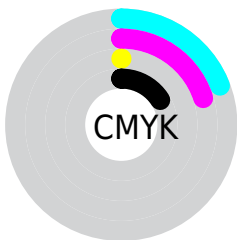
Blue (84%)



Red (68%)

Yellow (67%)

Blue (84%)

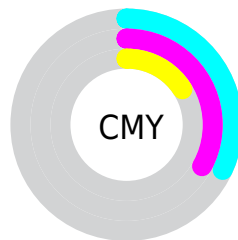


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (16%)



Cyan (32%)

Magenta (33%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEACD6 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 AEACD6 by changing the saturation by 10% instead.



■ AEACD6

■ AEACD6

FFFFFF

■ 9391BA

■ E6E3FF

■ 79789F

■ 605F85

■ 47476C

■ 303153

■ 191C3C

■ 040226

■ 000110

■ 000000

 AEACD6

 AEACD6

 9A97D6

 C2C1D6

 8581D6

 D7D7D6

 716CD6

 EBEC D6

 5C56D6

 FFFFD6

 4841D6

 342CD6

 1F16D6

 0B01D6

 0A00D6

# Harmonies

## Analogous

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



92B3D9



AEACD6



C7A5C9

# Triad

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



AEACD6



D4A68F



80BCAB

# Complementary

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



AEACD6



D4D6AC

# 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.



96B997



AEACD6



C4AD87

# Square

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



AEACD6



DBA2A0



AEB489



75BCC0

# Rectangle

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



AEACD6



D3A2BC



AEB489



87BBA4



# Sweetspot

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



AEACD6



F0F0FF



ACD5D6



777780



000000



808080



# Same Dimension

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



AEACD6



C5C2FF



C2ACD6



61606B



0800AB



02002B



# Inverse Universe

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



D6ACD4



FFC2FC



C0D6AC



6B606B



AB00A3

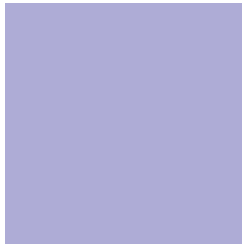


2B0029



# Previews

## White Background



This preview shows how the Hex color AEACD6 looks on a white background.

## Color Contrast Check

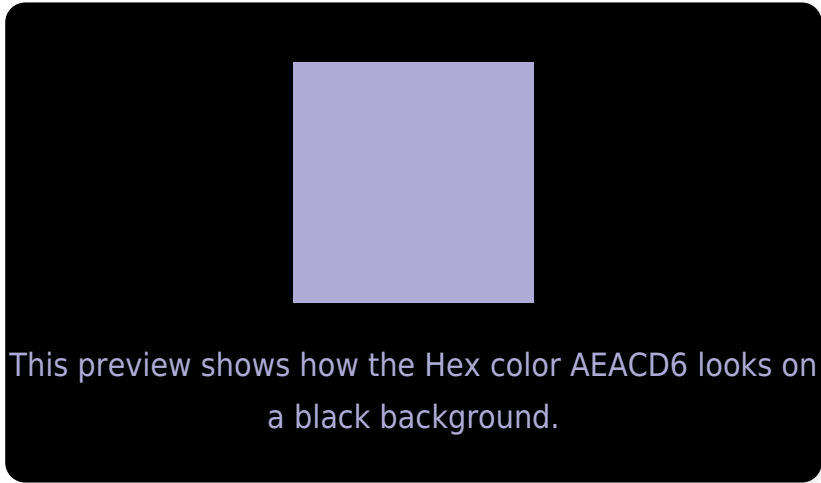
Large Text (above 18pt) WCAG AA × Fail

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

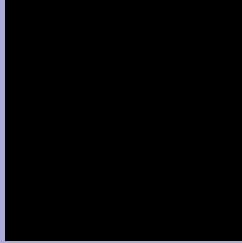
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AEACD6 Background



This preview shows how black text looks on a background with the Hex color AEACD6.



This preview shows how white text looks on a background with the Hex color AEACD6.

# 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



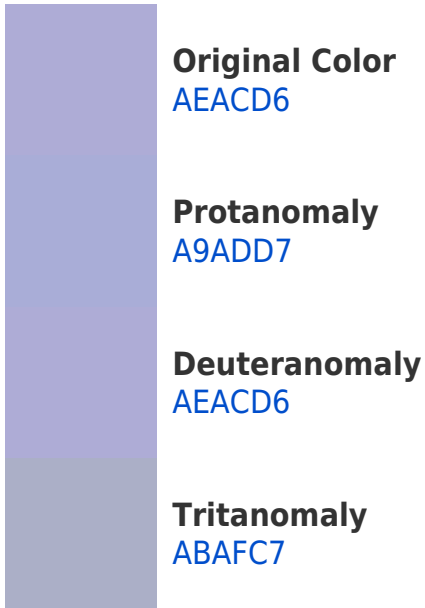
**Original Color**  
AEACD6

**Protanopia**  
A6AED7

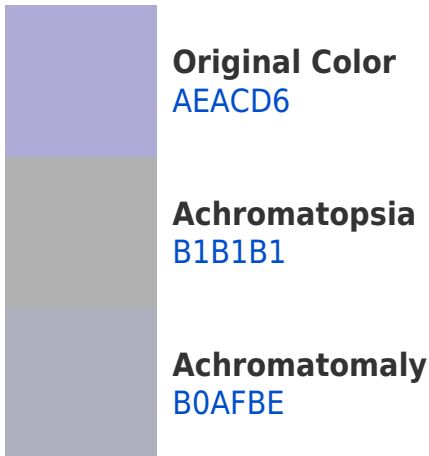
**Deuteranopia**  
AEACD6



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEACD6 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 #AEACD6 looks like.

```
.text, #text, p{  
    color:#AEACD6  
}
```

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 #AEACD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEACD6  
}
```

## Border

The CSS property to change the border of an element to Hex AEACD6 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  
#AEACD6 }
```

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

```
.border{ border-color:#AEACD6 }
```

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

Here you see how a box with a 4 pixel #AEACD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEACD6; -webkit-box-shadow:4px 4px  
4px 4px #AEACD6; box-shadow:4px 4px 4px  
4px #AEACD6 }
```

# Background

The CSS property to change the background color of an element to Hex AEACD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEACD6 }
```

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

```
.background{ background-color:#AEACD6 }
```

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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