

# Converting Colors

Hex(ACB3E2)

Have a look what the booklet for  
Hex(ACB3E2) contains.

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# **Color**

**Hex(ACB3E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACB3E2
RGB	172, 179, 226
RGB Percent	67%, 70%, 89%
CMY	0.3255, 0.2980, 0.1137
CMYK	0.24, 0.21, 0.00, 0.11
HSL	232°, 48%, 78%
HSV	232°, 24%, 89%
XYZ	46.8608, 46.5018, 78.4574
YIQ	182.2650, -19.2590, 13.1330

# Conversions

## Conversions Part 2

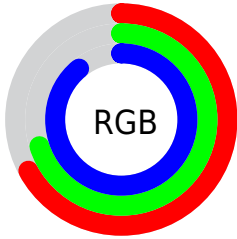
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 178, 226
Decimal	11318242
CIE <sub>Lab</sub>	73.87, 7.63, -24.35
CIE <sub>LCh</sub>	74, 25.521, 287.387
Yxy	46.5018, 0.2727, 0.2706
Android (android.graphics.Color)	4289508322 (0xFFACB3E2)
YUV	182.2650, 21.5614, -9.0024
Hunter-Lab	68.1923, 3.3264, -20.4805

# Details

The Hex color **ACB3E2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E2DBAC**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **E4EBFF**, and **777EAB** is the 20% darker color. If you saturate the color by 10%, you get **959FE2**, and if you desaturate by 10%, it is **C3C7E2**.

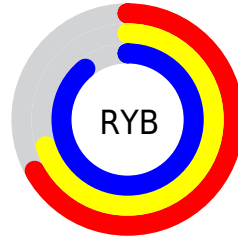
# Distribution



Red (67%)

Green (70%)

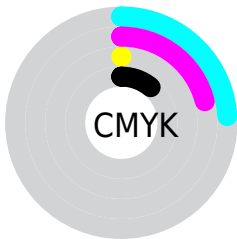
Blue (89%)



Red (67%)

Yellow (70%)

Blue (89%)

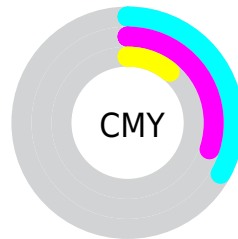


Cyan (24%)

Magenta (21%)

Yellow (0%)

Black (11%)



Cyan (33%)

Magenta (30%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACB3E2 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 ACB3E2 by changing the saturation by 10% instead.



■ ACB3E2

■ ACB3E2

FFFFFF

■ 9198C6

■ E4EBFF

■ 777EAB

■ 5D6590

■ 444E76

■ 2C375D

■ 132246

■ 000B2F

■ 00011A

■ 000000

■ ACB3E2

■ ACB3E2

■ 959FE2

■ C3C7E2

■ 7F8CE2

■ D9DAE2

■ 6878E2

■ F0EEE2

■ 5264E2

■ FFFFE2

■ 3B51E2

■ 243DE2

■ 0E29E2

■ 001DE2

# Harmonies

## Analogous

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



8CBBE3



ACB3E2



CAABD5

# Triad

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



ACB3E2



E0A994



84C2AB

# Complementary

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



ACB3E2



E2DBAC

# 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.



9EBF95



ACB3E2



D0B188

# Square

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



ACB3E2



E6A5A9



B9B889



73C3C3

# Rectangle

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



ACB3E2



D9A7C8



B9B889



8CC1A3



# Sweetspot

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



ACB3E2



EDEFFF



ACE2DB



757780



000000



808080



# Same Dimension

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



ACB3E2



B5BFFF



C0ACE2



656670



0017B0



000630



# Inverse Universe

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



E2ACB3



FFB5BF



CEE2AC



706566



B00017

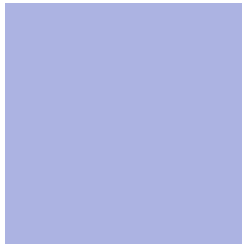


300006



# Previews

## White Background



This preview shows how the Hex color ACB3E2 looks on a white background.

## Color Contrast Check

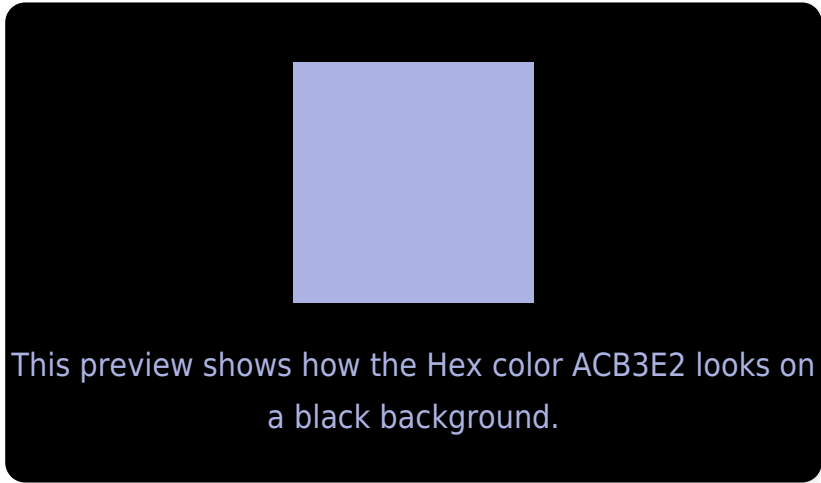
Large Text (above 18pt) WCAG AA × Fail

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 ACB3E2 Background



This preview shows how black text looks on a background with the Hex color ACB3E2.



This preview shows how white text looks on a background with the Hex color ACB3E2.

# 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**  
ACB3E2

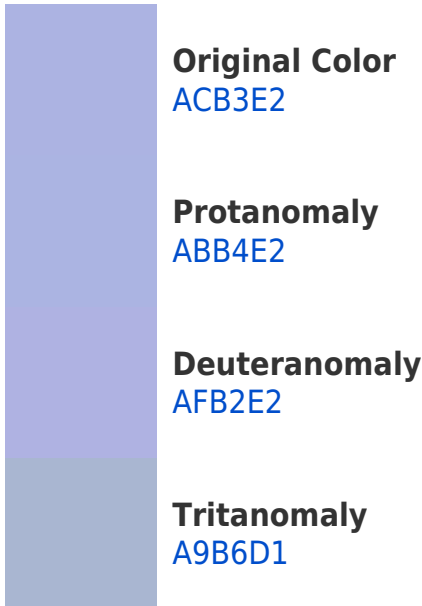
**Protanopia**  
AAB4E2

**Deuteranopia**  
B0B2E2

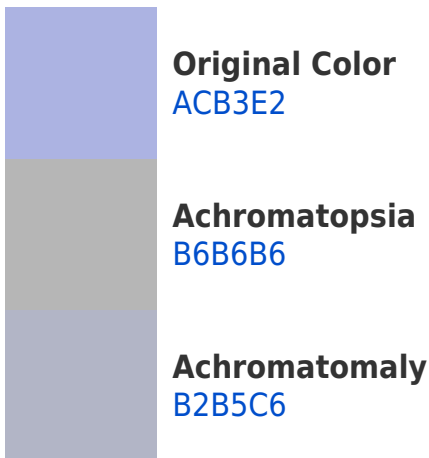


**Tritanopia**  
A7B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACB3E2 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 #ACB3E2 looks like.

```
.text, #text, p{  
    color:#ACB3E2  
}
```

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 #ACB3E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACB3E2
}
```

## Border

The CSS property to change the border of an element to Hex ACB3E2 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
#ACB3E2 }
```

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

```
.border{ border-color:#ACB3E2 }
```

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

Here you see how a box with a 4 pixel #ACB3E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACB3E2; -webkit-box-shadow:4px 4px  
4px 4px #ACB3E2; box-shadow:4px 4px 4px  
4px #ACB3E2 }
```

# Background

The CSS property to change the background color of an element to Hex ACB3E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACB3E2 }
```

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

```
.background{ background-color:#ACB3E2 }
```

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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