

# Converting Colors

Hex(ACB3F1)

Have a look what the booklet for  
Hex(ACB3F1) contains.

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# **Color**

**Hex(ACB3F1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACB3F1
RGB	172, 179, 241
RGB Percent	67%, 70%, 95%
CMY	0.3255, 0.2980, 0.0549
CMYK	0.29, 0.26, 0.00, 0.05
HSL	234°, 71%, 81%
HSV	234°, 29%, 95%
XYZ	49.0105, 47.3617, 89.7777
YIQ	183.9750, -24.0740, 17.7980

# Conversions

## Conversions Part 2

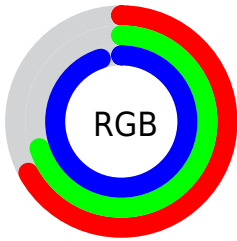
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	172, 178, 241
Decimal	11318257
CIE Lab	74.42, 11.20, -31.64
CIE LCh	74, 33.570, 289.496
Yxy	47.3617, 0.2633, 0.2544
Android (android.graphics.Color)	4289508337 (0xFFACB3F1)
YUV	183.9750, 28.1133, -10.5021
Hunter-Lab	68.8199, 6.6853, -29.1718

# Details

The Hex color **ACB3F1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F1EAAC**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **E5EBFF**, and **767EB9** is the 20% darker color. If you saturate the color by 10%, you get **949DF1**, and if you desaturate by 10%, it is **C4C9F1**.

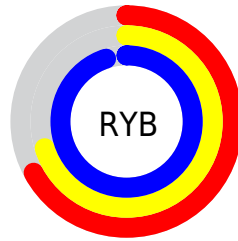
# Distribution



Red (67%)

Green (70%)

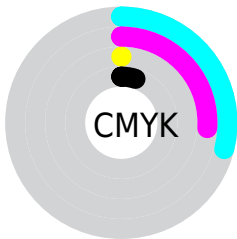
Blue (95%)



Red (67%)

Yellow (70%)

Blue (95%)

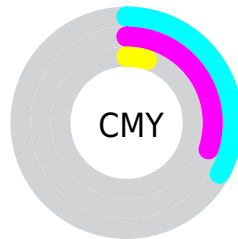


Cyan (29%)

Magenta (26%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (30%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACB3F1 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 ACB3F1 by changing the saturation by 10% instead.



■ ACB3F1

■ ACB3F1

FFFFFF

■ 9198D5

■ E5EBFF

■ 767EB9

■ 5C669E

■ 424E83

■ 28376A

■ 0A2251

■ 000C3A

■ 000224

■ 00000C

■ ACB3F1

■ ACB3F1

■ 949DF1

■ C4C9F1

■ 7C88F1

■ DCDEF1

■ 6472F1

■ F4F4F1

■ 4C5CF1

■ FFFFF1

■ 3347F1

■ 1B31F1

■ 031BF1

■ 0018F1

# Harmonies

## Analogous

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



7DBDF3



ACB3F1



D4A8DF

# Triad

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



ACB3F1



ECA789



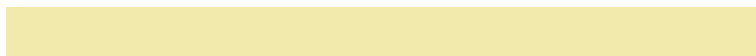
70C7AB

# Complementary

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



ACB3F1



F1EAC

# 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.



95C38E



ACB3F1



D6B17B

# Square

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



ACB3F1



F5A1A4



B8BB7C



53C8CB

# Rectangle

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



ACB3F1



E6A3CD



B8BB7C



7CC6A0



# Sweetspot

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



ACB3F1



E8EAFF



ACF1E9



717380



000000



808080



# Same Dimension

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



ACB3F1



A8B1FF



C6ACF1



6C6D78



0013B8



000638



# Inverse Universe

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



F1ACB3



FFA8B1



D7F1AC



786C6D



B80013

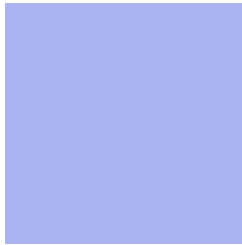


380006



# Previews

## White Background



This preview shows how the Hex color ACB3F1 looks on a white background.

## Color Contrast Check

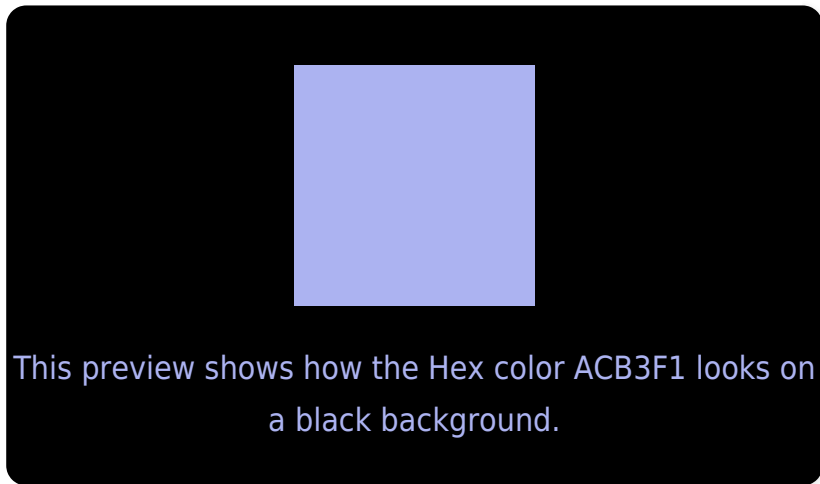
Large Text (above 18pt) WCAG AA × Fail

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

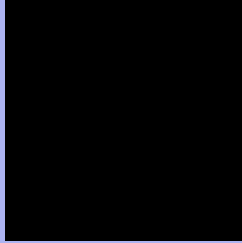
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACB3F1 Background



This preview shows how black text looks on a background with the Hex color ACB3F1.



This preview shows how white text looks on a background with the Hex color ACB3F1.

# 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](#).

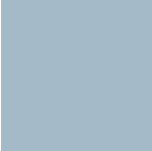
## Dichromacy



**Original Color**  
ACB3F1

**Protanopia**  
A6B5F2

**Deuteranopia**  
A9B4F1



**Tritanopia**  
A4BAC9

# Trichromacy



**Original Color**  
ACB3F1

**Protanomaly**  
A8B4F2

**Deuteranomaly**  
AAB4F1

**Tritanomaly**  
A7B7D8

# Monochromacy



**Original Color**  
ACB3F1

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
B4B6CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACB3F1 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 #ACB3F1 looks like.

```
.text, #text, p{  
    color:#ACB3F1  
}
```

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 #ACB3F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACB3F1
}
```

## Border

The CSS property to change the border of an element to Hex ACB3F1 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
#ACB3F1 }
```

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

```
.border{ border-color:#ACB3F1 }
```

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

Here you see how a box with a 4 pixel #ACB3F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACB3F1; -webkit-box-shadow:4px 4px  
4px 4px #ACB3F1; box-shadow:4px 4px 4px  
4px #ACB3F1 }
```

# Background

The CSS property to change the background color of an element to Hex ACB3F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACB3F1 }
```

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

```
.background{ background-color:#ACB3F1 }
```

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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