

# Converting Colors

Hex(ACBEF7)

Have a look what the booklet for  
Hex(ACBEF7) contains.

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# **Color**

**Hex(ACBEF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACBEF7
RGB	172, 190, 247
RGB Percent	67%, 75%, 97%
CMY	0.3255, 0.2549, 0.0314
CMYK	0.30, 0.23, 0.00, 0.03
HSL	226°, 82%, 82%
HSV	226°, 30%, 97%
XYZ	52.2152, 52.3130, 95.3411
YIQ	191.1160, -29.0250, 13.9110

# Conversions

## Conversions Part 2

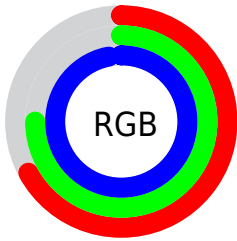
Format	Color
R <sub>Y</sub> B	172, 187, 247
Decimal	11321079
CIE Lab	77.47, 6.62, -30.19
CIE LCh	77, 30.906, 282.377
Yxy	52.3130, 0.2612, 0.2617
Android (android.graphics.Color)	4289511159 (0xFFACBEF7)
YUV	191.1160, 27.5508, -16.7647
Hunter-Lab	72.3277, 2.2902, -27.5256

# Details

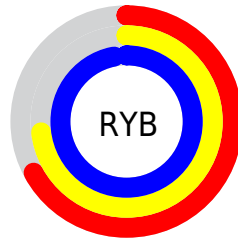
The Hex color **ACBEF7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F7E5AC**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **E5F6FF**, and **7689BE** is the 20% darker color. If you saturate the color by 10%, you get **93ABF7**, and if you desaturate by 10%, it is **C5D1F7**.

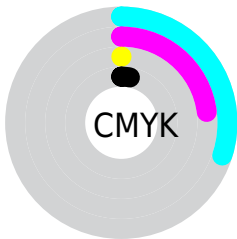
# Distribution



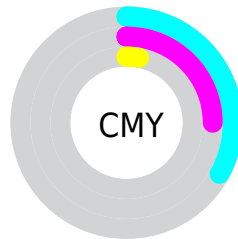
- Red (67%)
- Green (75%)
- Blue (97%)



- Red (67%)
- Yellow (73%)
- Blue (97%)



- Cyan (30%)
- Magenta (23%)
- Yellow (0%)
- Black (3%)



- Cyan (33%)
- Magenta (25%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACBEF7 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 ACBEF7 by changing the saturation by 10% instead.



■ ACBEF7

FFFFFF

■ E5F6FF

■ ACBEF7

■ 91A3DA

■ 7689BE

■ 5B70A3

■ 415789

■ 27406F

■ 052A57

■ 00163F

■ 000329

■ 000113

■ ACBEF7

■ ACBEF7

■ 93ABF7

■ C5D1F7

■ 7B98F7

■ DDE4F7

■ 6286F7

■ F6F6F7

■ 4973F7

■ FFFFF7

■ 3160F7

■ 184DF7

■ 003BF7

# Harmonies

## Analogous

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



83C7F5



ACBEF7



D2B4EA

# Triad

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



ACBEF7



F5AF9A



87CEAD

# Complementary

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



ACBEF7



F7E5AC

# 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.



A8C994



ACBEF7



E3B889

# Square

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



ACBEF7



F9AAB4



C8C187



6CCFCB

# Rectangle

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



ACBEF7



E6AEDA



C8C187



92CDA4



# Sweetspot

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



ACBEF7



E8EEFF



ACF7E4



717580



000000



808080



# Same Dimension

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



ACBEF7



A3B9FF



BFACF7



6E717A



002DBA



000E3B



# Inverse Universe

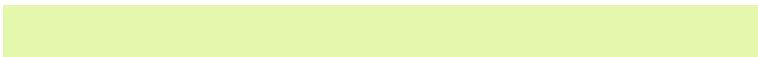
The Inverse Universe completely reimagines the original color for something new.



F7ACBE



FFA3B9



E4F7AC



7A6E71



BA002D

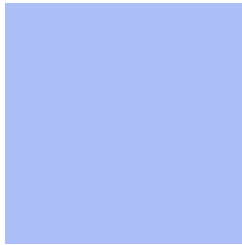


3B000E



# Previews

## White Background



This preview shows how the Hex color ACBEF7 looks on a white background.

## Color Contrast Check

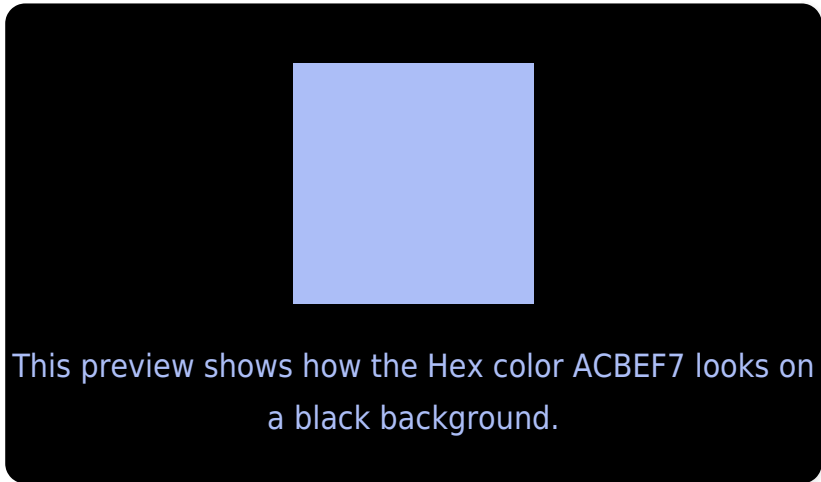
Large Text (above 18pt) WCAG AA × Fail

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

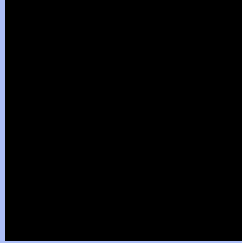
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACBEF7 Background



This preview shows how black text looks on a background with the Hex color ACBEF7.



This preview shows how white text looks on a background with the Hex color ACBEF7.

# 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**  
ACBEF7

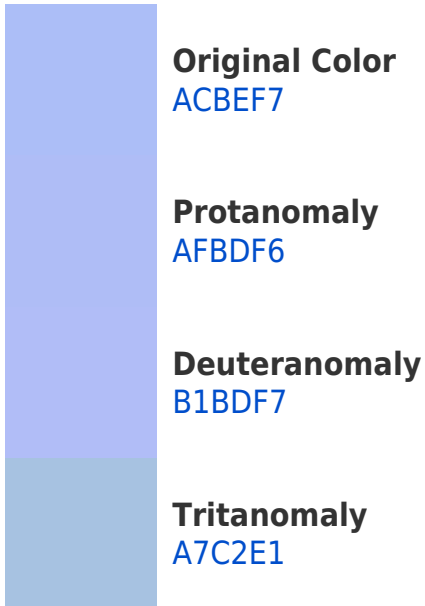
**Protanopia**  
B0BDF6

**Deuteranopia**  
B4BCF7

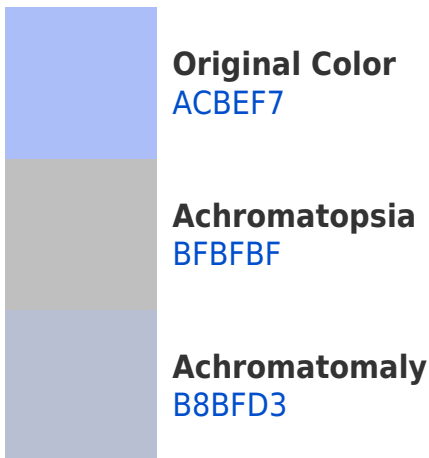


**Tritanopia**  
A4C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACBEF7 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 #ACBEF7 looks like.

```
.text, #text, p{  
    color:#ACBEF7  
}
```

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 #ACBEF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACBEF7
}
```

## Border

The CSS property to change the border of an element to Hex ACBEF7 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
#ACBEF7 }
```

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

```
.border{ border-color:#ACBEF7 }
```

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

Here you see how a box with a 4 pixel #ACBEF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACBEF7; -webkit-box-shadow:4px 4px  
4px 4px #ACBEF7; box-shadow:4px 4px 4px  
4px #ACBEF7 }
```

# Background

The CSS property to change the background color of an element to Hex ACBEF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACBEF7 }
```

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

```
.background{ background-color:#ACBEF7 }
```

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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