

# Converting Colors

Hex(ACC5EF)

Have a look what the booklet for  
Hex(ACC5EF) contains.

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# **Color**

**Hex(ACC5EF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ACC5EF
RGB	172, 197, 239
RGB Percent	67%, 77%, 94%
CMY	0.3255, 0.2275, 0.0627
CMYK	0.28, 0.18, 0.00, 0.06
HSL	218°, 68%, 81%
HSV	218°, 28%, 94%
XYZ	52.5595, 54.9352, 89.4947
YIQ	194.3130, -28.3820, 7.7620

# Conversions

## Conversions Part 2

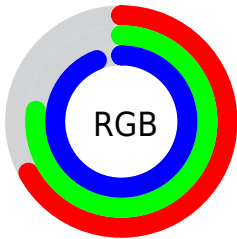
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 190, 239
Decimal	11322863
CIE Lab	79.00, 0.90, -23.55
CIE LCh	79, 23.563, 272.191
Yxy	54.9352, 0.2668, 0.2789
Android (android.graphics.Color)	4289512943 (0xFFACC5EF)
YUV	194.3130, 22.0307, -19.5685
Hunter-Lab	74.1183, -3.1272, -19.7074

# Details

The Hex color **ACC5EF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EFD6AC**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E4FEFF**, and **768FB7** is the 20% darker color. If you saturate the color by 10%, you get **94B6EF**, and if you desaturate by 10%, it is **C4D4EF**.

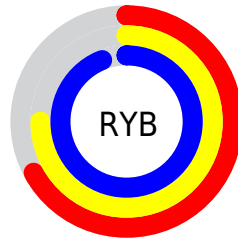
# Distribution



Red (67%)

Green (77%)

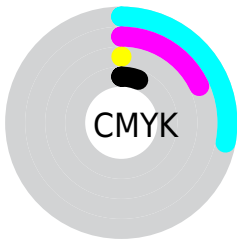
Blue (94%)



Red (67%)

Yellow (75%)

Blue (94%)

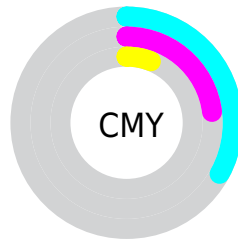


Cyan (28%)

Magenta (18%)

Yellow (0%)

Black (6%)



Cyan (33%)

Magenta (23%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACC5EF 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 ACC5EF by changing the saturation by 10% instead.



■ ACC5EF

■ ACC5EF

FFFFFF

■ 91AAD3

■ E4FEFF

■ 768FB7

■ 5C769C

■ 435D82

■ 294669

■ 0C3050

■ 001B39

■ 000224

■ 00000B

 ACC5EF

 ACC5EF

 94B6EF

 C4D4EF

 7CA7EF

 DCE3EF

 6498EF

 F4F2EF

 4C89EF

 FFFFEF

 347AEF

 1D6BEF

 055CEF

 0059EF

# Harmonies

## Analogous

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



92CBEA



ACC5EF



C9BDE9

# Triad

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



ACC5EF



F0B6AD



A2CEAF

# Complementary

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



ACC5EF



EFD6AC

# 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.



BBC99E



ACC5EF



E6BB9E

# Square

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



ACC5EF



EFB4C3



D3C398



8ED0C4

# Rectangle

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



ACC5EF



DAB9DF



D3C398



AACDA8

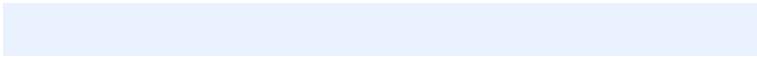


# Sweetspot

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



ACC5EF



EBF2FF



ACEFD5



737880



000000



808080



# Same Dimension

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



ACC5EF



A8C9FF



B4ACEF



6C7078



0045B8



001538



# Inverse Universe

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



EFACC5



FFA8C9



E7EFAC



786C70



B80045

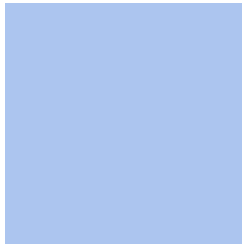


380015



# Previews

## White Background



This preview shows how the Hex color ACC5EF looks on a white background.

## Color Contrast Check

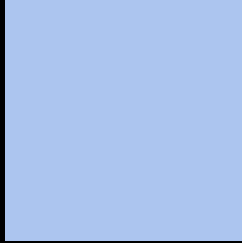
Large Text (above 18pt) WCAG AA × Fail

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 ACC5EF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

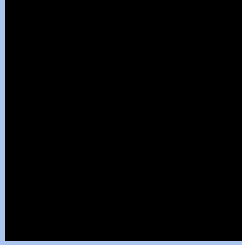
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

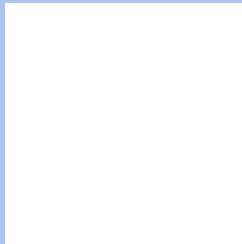
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACC5EF Background



This preview shows how black text looks on a background with the Hex color ACC5EF.

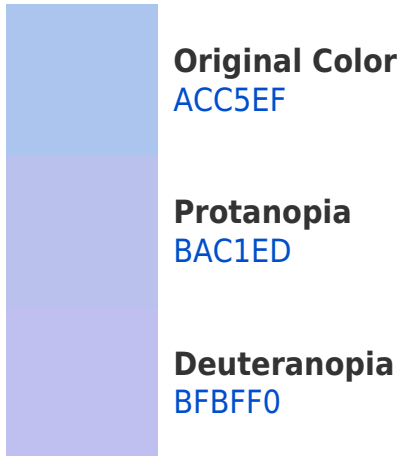


This preview shows how white text looks on a background with the Hex color ACC5EF.

# 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](#).

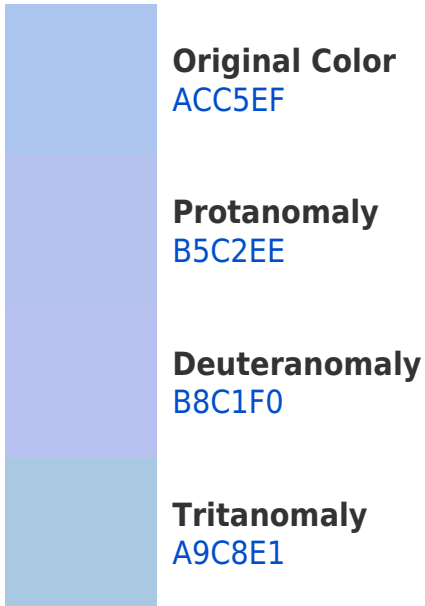
## Dichromacy



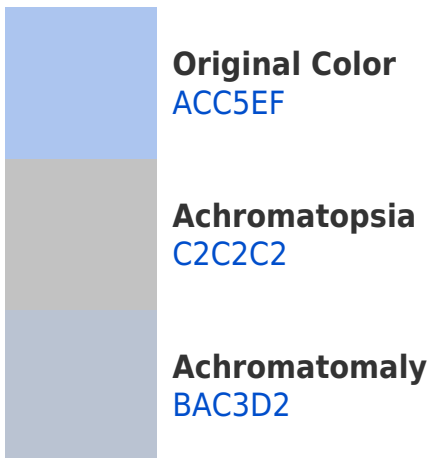


**Tritanopia**  
A7C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACC5EF 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 #ACC5EF looks like.

```
.text, #text, p{  
    color:#ACC5EF  
}
```

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 #ACC5EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACC5EF
}
```

## Border

The CSS property to change the border of an element to Hex ACC5EF 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
#ACC5EF }
```

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

```
.border{ border-color:#ACC5EF }
```

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

Here you see how a box with a 4 pixel #ACC5EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACC5EF; -webkit-box-shadow:4px 4px  
4px 4px #ACC5EF; box-shadow:4px 4px 4px  
4px #ACC5EF }
```

# Background

The CSS property to change the background color of an element to Hex ACC5EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACC5EF }
```

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

```
.background{ background-color:#ACC5EF }
```

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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