

# Converting Colors

Hex(AEC5FD)

Have a look what the booklet for  
Hex(AEC5FD) contains.

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# **Color**

**Hex(AEC5FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEC5FD
RGB	174, 197, 253
RGB Percent	68%, 77%, 99%
CMY	0.3176, 0.2275, 0.0078
CMYK	0.31, 0.22, 0.00, 0.01
HSL	223°, 95%, 84%
HSV	223°, 31%, 99%
XYZ	55.1514, 56.0230, 100.8352
YIQ	196.5070, -31.6840, 12.5400

# Conversions

## Conversions Part 2

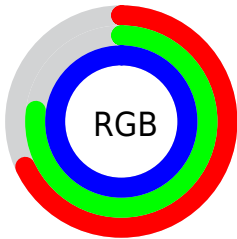
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 192, 253
Decimal	11453949
CIELab	79.63, 4.85, -30.07
CIELCh	80, 30.461, 279.168
Yxy	56.0230, 0.2601, 0.2642
Android (android.graphics.Color)	4289644029 (0xFFAEC5FD)
YUV	196.5070, 27.8510, -19.7386
Hunter-Lab	74.8485, 0.5411, -27.4810

# Details

The Hex color **AEC5FD** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FDE6AE**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **E7FEFF**, and **778FC4** is the 20% darker color. If you saturate the color by 10%, you get **95B3FD**, and if you desaturate by 10%, it is **C7D7FD**.

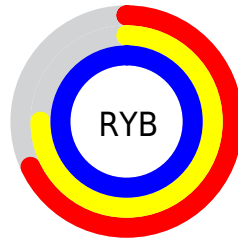
# Distribution



Red (68%)

Green (77%)

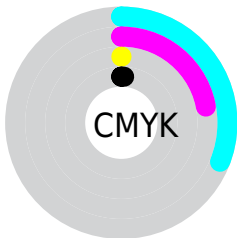
Blue (99%)



Red (68%)

Yellow (75%)

Blue (99%)

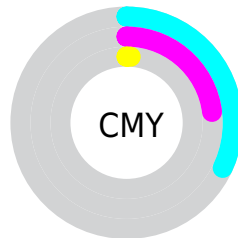


Cyan (31%)

Magenta (22%)

Yellow (0%)

Black (1%)



Cyan (32%)

Magenta (23%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEC5FD 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 AEC5FD by changing the saturation by 10% instead.



 AEC5FD

 AEC5FD

FFFFFF

 92AAE0

 E7FEFF

 778FC4

 5D76A9

 435D8E

 284674

 05305C

 001B44

 00012D

 000118

 AEC5FD

 AEC5FD

 95B3FD

 C7D7FD

 7BA1FD

 E1E9FD

 628FFD

 FAFBFD

 497DFD

FFFFFFD

 306BFD

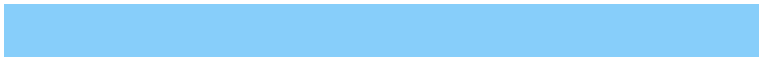
 1659FD

 004AFD

# Harmonies

## Analogous

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



87CEFA



AEC5FD



D5BBF1

# Triad

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



AEC5FD



FBB4A3



91D4B0

# Complementary

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



AEC5FD



FDE6AE

# 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.



B2CE99



AEC5FD



EBBD91

# Square

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



AEC5FD



FEB0BD



D1C68D



76D5CD

# Rectangle

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



AEC5FD



E9B5E3



D1C68D



9CD2A7

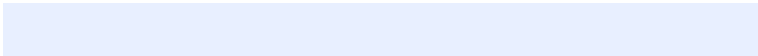


# Sweetspot

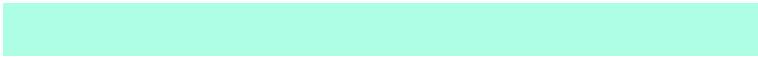
The Sweet Spot groups the original color and five complimentary colors.



AEC5FD



E8EFFF



AEFDE5



717680



000000



808080



# Same Dimension

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



AEC5FD



A1BCFF



BEAEFD



737680



0038BF



001340



# Inverse Universe

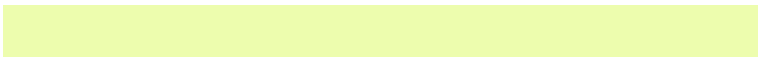
The Inverse Universe completely reimagines the original color for something new.



FDAEC5



FFA1BC



EDFDAE



807376



BF0038



400013



# Previews

## White Background



This preview shows how the Hex color AEC5FD looks on a white background.

## Color Contrast Check

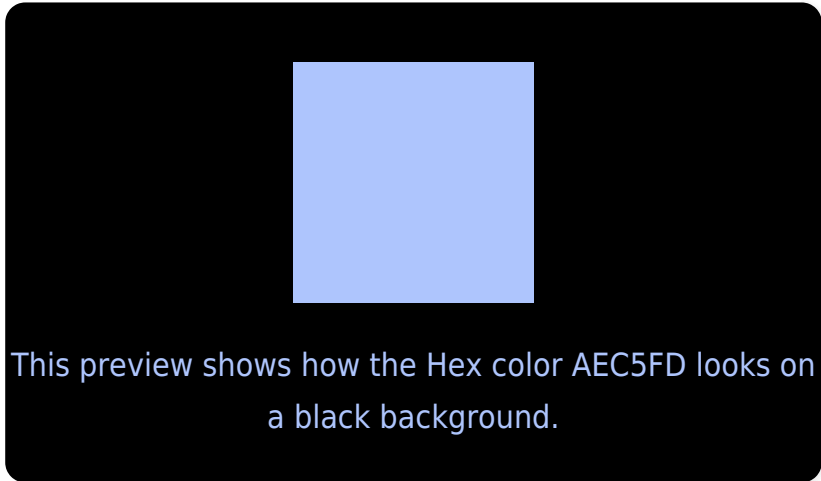
Large Text (above 18pt) WCAG AA × Fail

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

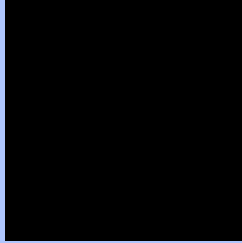
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

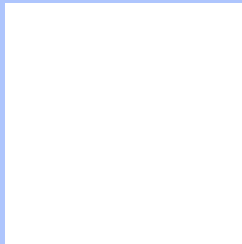
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AEC5FD Background



This preview shows how black text looks on a background with the Hex color AEC5FD.



This preview shows how white text looks on a background with the Hex color AEC5FD.

# 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**  
AEC5FD

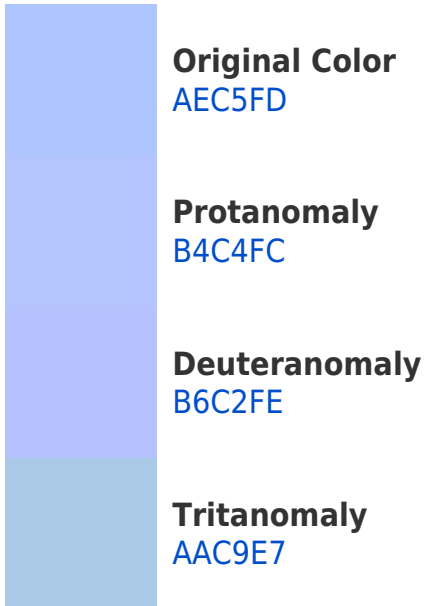
**Protanopia**  
B7C3FB

**Deuteranopia**  
BAC1FE

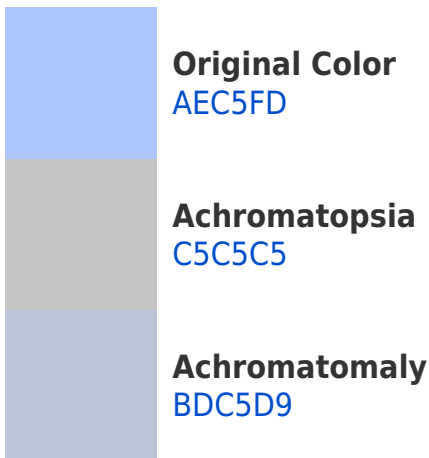


**Tritanopia**  
A7CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEC5FD 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 #AEC5FD looks like.

```
.text, #text, p{  
    color:#AEC5FD  
}
```

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 #AEC5FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEC5FD
}
```

## Border

The CSS property to change the border of an element to Hex AEC5FD 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
#AEC5FD }
```

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

```
.border{ border-color:#AEC5FD }
```

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

Here you see how a box with a 4 pixel #AEC5FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEC5FD; -webkit-box-shadow:4px 4px  
4px 4px #AEC5FD; box-shadow:4px 4px 4px  
4px #AEC5FD }
```

# Background

The CSS property to change the background color of an element to Hex AEC5FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEC5FD }
```

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

```
.background{ background-color:#AEC5FD }
```

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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