

# Converting Colors

Hex(ABCFEC)

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

<b>Hex(ABCFEC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(ABCFEC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ABC FEC
RGB	171, 207, 236
RGB Percent	67%, 81%, 93%
CMY	0.3294, 0.1882, 0.0745
CMYK	0.28, 0.12, 0.00, 0.07
HSL	207°, 63%, 80%
HSV	207°, 28%, 93%
XYZ	54.2477, 59.3397, 87.9514
YIQ	199.5420, -30.7650, 1.3870

# Conversions

## Conversions Part 2

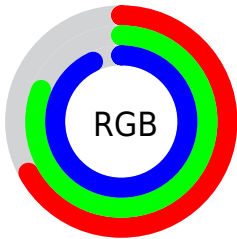
Format	Color
R <sub>Y</sub> B	171, 194, 236
Decimal	11259884
CIE Lab	81.48, -5.42, -18.20
CIE LCh	81, 18.985, 253.426
Yxy	59.3397, 0.2692, 0.2944
Android (android.graphics.Color)	4289449964 (0xFFABC FEC)
YUV	199.5420, 17.9738, -25.0313
Hunter-Lab	77.0323, -9.1030, -13.7716

# Details

The Hex color **ABCFEC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **ECC8AB**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **E3FFFF**, and **7599B4** is the 20% darker color. If you saturate the color by 10%, you get **93C4EC**, and if you desaturate by 10%, it is **C3DAEC**.

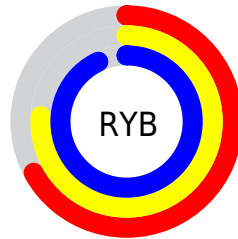
# Distribution



Red (67%)

Green (81%)

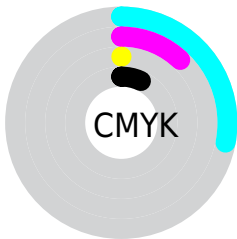
Blue (93%)



Red (67%)

Yellow (76%)

Blue (93%)

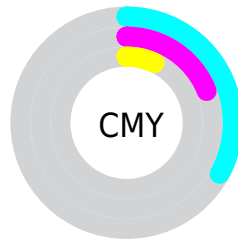


Cyan (28%)

Magenta (12%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (19%)

Yellow (7%)

# Brightness & Saturation Gradients

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



■ ABCFEC

FFFFFF

■ E3FFFF

■ ABCFEC

■ 90B3D0

■ 7599B4

■ 5B7F99

■ 42667F

■ 284E66

■ 0B374E

■ 002237

■ 000B22

■ 000009

■ ABCFEC

■ ABCFEC

■ 93C4EC

■ C3DAEC

■ 7CBAEC

■ DAE4EC

■ 64AFEC

■ F2EFEC

■ 4DA5EC

■ FFF9EC

■ 359AEC

■ FFFFEC

■ 1D90EC

■ 0685EC

■ 0083EC

# Harmonies

## Analogous

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



9DD3E2



ABCFEC



C1C9ED

# Triad

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



ABC FEC



F0B EC3



BCD1B0

# Complementary

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



ABC FEC



ECC 8AB

# 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.



D0CCA8



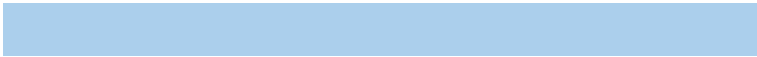
ABCFEC



EDC1B3

# Square

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



ABC FEC



E8B FD5



E2C 6A9



A9D 4C0

# Rectangle

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



ABCFEC



D0C5E8



E2C6A9



C3CFAD

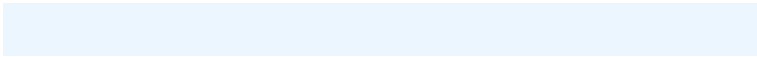


# Sweetspot

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



ABC FEC



EBF6FF



ABECC7



737A80



000000



808080

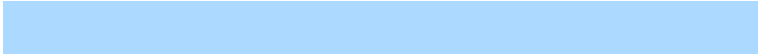


# Same Dimension

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



ABCFEC



ABD9FF



ABAFEC



6A7075



0064B5



001E36



# Inverse Universe

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



ECABCF



FFABD9



ECE8AB



756A70



B50064

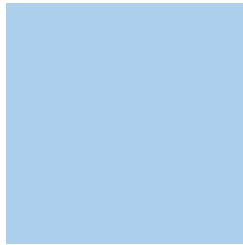


36001E



# Previews

## White Background



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

## Color Contrast Check

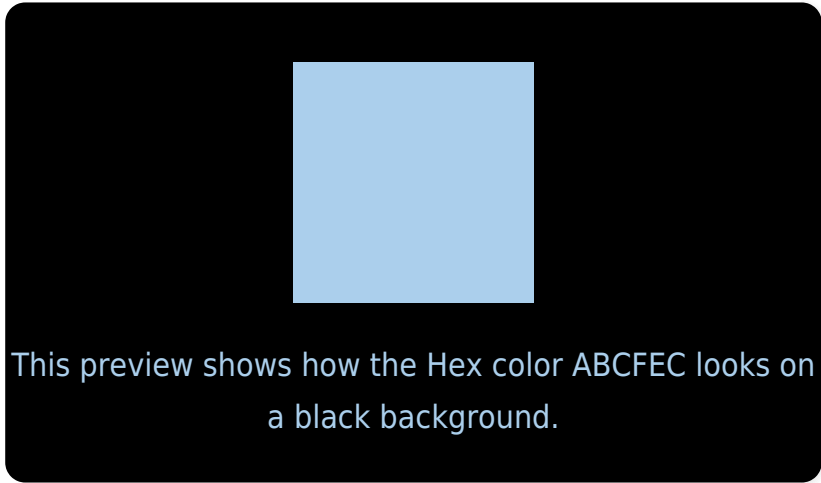
Large Text (above 18pt) WCAG AA × Fail

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

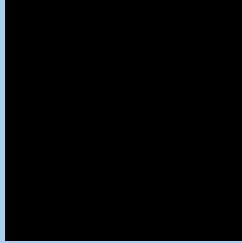
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

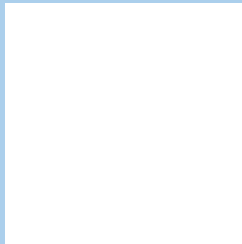
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ABCFEC Background



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

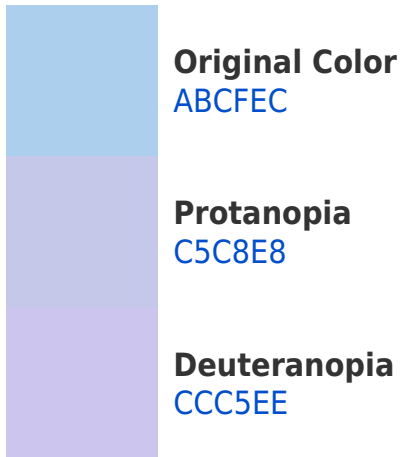


This preview shows how white text looks on a background with the Hex color ABCFEC.

# 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](#).

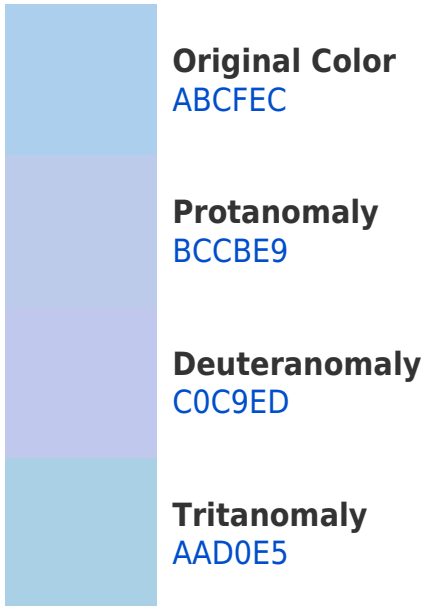
## Dichromacy



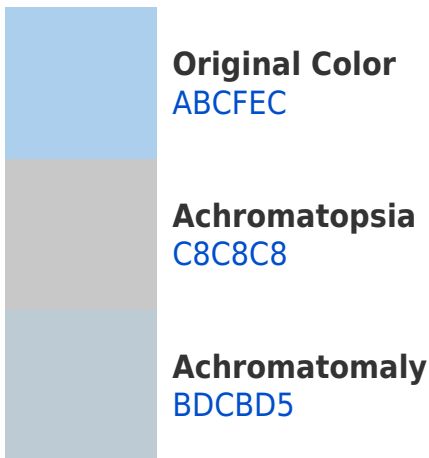


**Tritanopia**  
A9D1E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #ABCFEC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor