

# Converting Colors

Hex(ABC7F3)

Have a look what the booklet for  
Hex(ABC7F3) contains.

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# **Color**

**Hex(ABC7F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABC7F3
RGB	171, 199, 243
RGB Percent	67%, 78%, 95%
CMY	0.3294, 0.2196, 0.0471
CMYK	0.30, 0.18, 0.00, 0.05
HSL	217°, 75%, 81%
HSV	217°, 30%, 95%
XYZ	53.3957, 55.9758, 92.7842
YIQ	195.6440, -30.8120, 7.7480

# Conversions

## Conversions Part 2

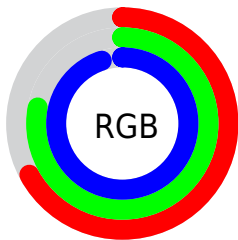
Format	Color
<a href="#">RYB</a>	<a href="#">171, 191, 243</a>
Decimal	<a href="#">11257843</a>
CIELab	<a href="#">79.60, 0.50, -24.79</a>
CIELCh	<a href="#">80, 24.790, 271.146</a>
Yxy	<a href="#">55.9758, 0.2641, 0.2769</a>
Android (android.graphics.Color)	<a href="#">4289447923</a> ( <a href="#">0xFFABC7F3</a> )
YUV	<a href="#">195.6440, 23.3465, -21.6128</a>
Hunter-Lab	<a href="#">74.8170, -3.5372, -21.1565</a>

# Details

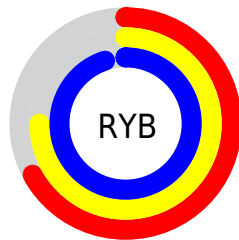
The Hex color `ABC7F3` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `F3D7AB`, and the grayscale version is `C3C3C3`.

A 20% lighter version of the original color is `E4FFFF`, and `7591BB` is the 20% darker color. If you saturate the color by 10%, you get `93B8F3`, and if you desaturate by 10%, it is `C3D6F3`.

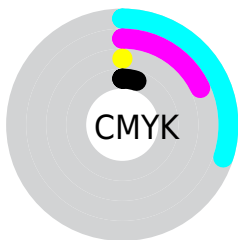
# Distribution



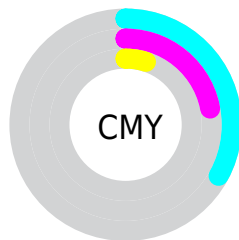
- Red (67%)
- Green (78%)
- Blue (95%)



- Red (67%)
- Yellow (75%)
- Blue (95%)



- Cyan (30%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (33%)
- Magenta (22%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABC7F3 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 ABC7F3 by changing the saturation by 10% instead.



■ ABC7F3

FFFFFF

■ E4FFFF

■ ABC7F3

■ 90ACD7

■ 7591BB

■ 5B78A0

■ 415F85

■ 27476C

■ 073154

■ 001D3C

■ 000327

■ 000110

 ABC7F3

 ABC7F3

 93B8F3

 C3D6F3

 7AA9F3


 DCE5F3

 629AF3


 F4F4F3

 4A8CF3

 FFFFF3

 317DF3

 196EF3

 015FF3

 005FF3

# Harmonies

## Analogous

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



90CEED



ABC7F3



CABFED

# Triad

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



ABC7F3



F4B6AE



A2D0AE

# Complementary

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



ABC7F3



F3D7AB

# 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.



BDCB9D



ABC7F3



EABC9E

# Square

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



ABC7F3



F3B5C5



D6C497



8CD2C5

# Rectangle

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



ABC7F3



DCBAE2



D6C497



ABCFA8

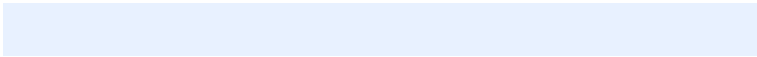


# Sweetspot

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



ABC7F3



E8F1FF



ABF3D6



717780



000000



808080



# Same Dimension

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



ABC7F3



A3C7FF



B2ABF3



6E737A



0048BA



00173B



# Inverse Universe

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



F3ABC7



FFA3C7



ECF3AB



7A6E73



BA0048

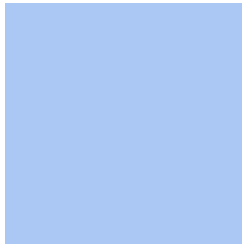


3B0017



# Previews

## White Background



This preview shows how the Hex color ABC7F3 looks on a white background.

## Color Contrast Check

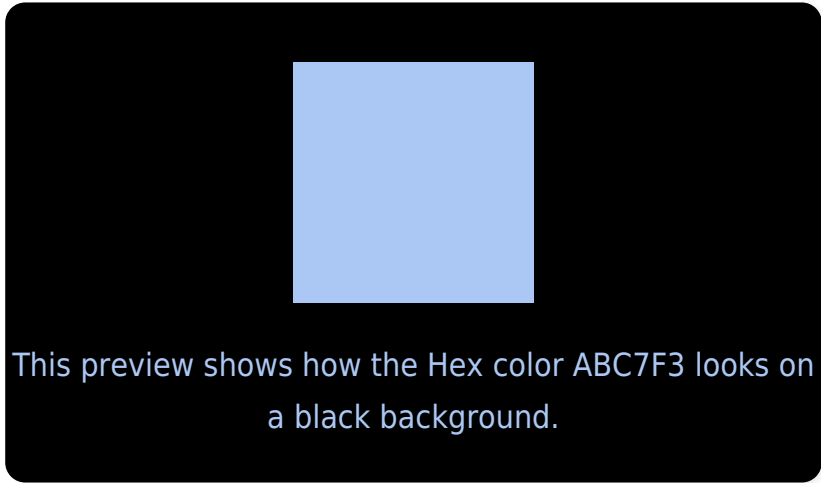
Large Text (above 18pt) WCAG AA × Fail

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

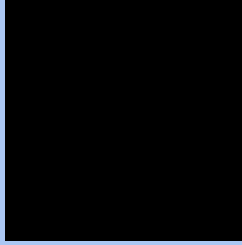
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

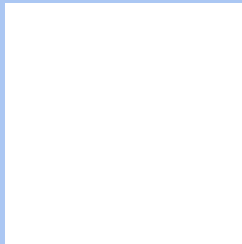
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ABC7F3 Background



This preview shows how black text looks on a background with the Hex color ABC7F3.

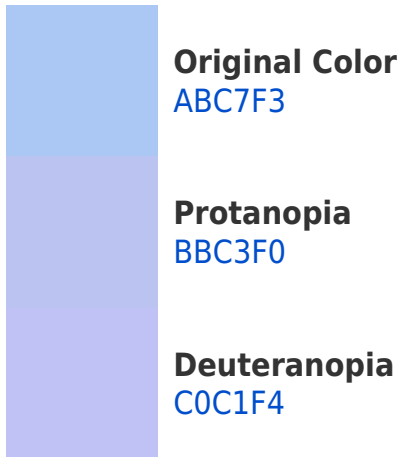


This preview shows how white text looks on a background with the Hex color ABC7F3.

# 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](#).

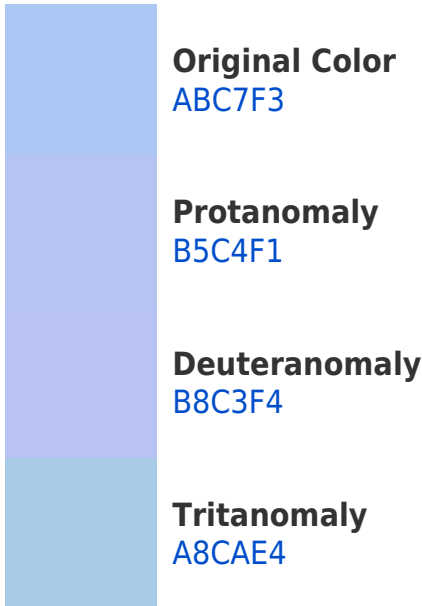
## Dichromacy



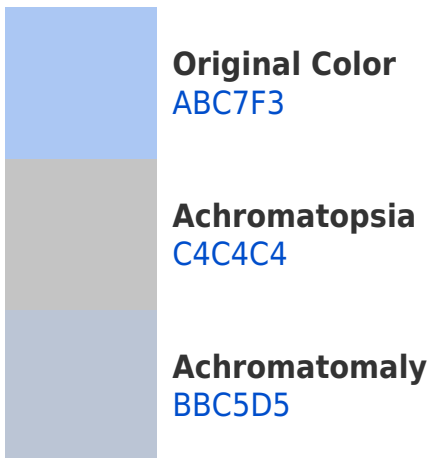


**Tritanopia**  
A6CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABC7F3 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 #ABC7F3 looks like.

```
.text, #text, p{  
    color:#ABC7F3  
}
```

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 #ABC7F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABC7F3
}
```

## Border

The CSS property to change the border of an element to Hex ABC7F3 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
#ABC7F3 }
```

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

```
.border{ border-color:#ABC7F3 }
```

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

Here you see how a box with a 4 pixel #ABC7F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABC7F3; -webkit-box-shadow:4px 4px  
4px 4px #ABC7F3; box-shadow:4px 4px 4px  
4px #ABC7F3 }
```

# Background

The CSS property to change the background color of an element to Hex ABC7F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABC7F3 }
```

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

```
.background{ background-color:#ABC7F3 }
```

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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