

# Converting Colors

Hex(ABBDF8)

Have a look what the booklet for  
Hex(ABBDF8) contains.

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# **Color**

**Hex(ABBDF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABBDF8
RGB	171, 189, 248
RGB Percent	67%, 74%, 97%
CMY	0.3294, 0.2588, 0.0275
CMYK	0.31, 0.24, 0.00, 0.03
HSL	226°, 85%, 82%
HSV	226°, 31%, 97%
XYZ	51.9355, 51.8304, 96.0739
YIQ	190.3440, -29.6670, 14.5330

# Conversions

## Conversions Part 2

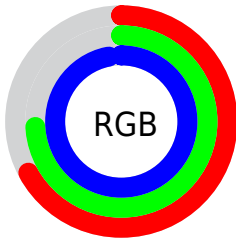
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">171, 186, 248</a>
Decimal	<a href="#">11255288</a>
CIELab	<a href="#">77.18, 7.13, -31.17</a>
CIELCh	<a href="#">77, 31.980, 282.891</a>
Yxy	<a href="#">51.8304, 0.2599, 0.2594</a>
Android (android.graphics.Color)	<a href="#">4289445368 (0xFFABBDF8)</a>
YUV	<a href="#">190.3440, 28.4244, -16.9647</a>
Hunter-Lab	<a href="#">71.9934, 2.7802, -28.7262</a>

# Details

The Hex color **ABBDF8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F8E6AB**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **E4F5FF**, and **7588BF** is the 20% darker color. If you saturate the color by 10%, you get **92AAF8**, and if you desaturate by 10%, it is **C4D0F8**.

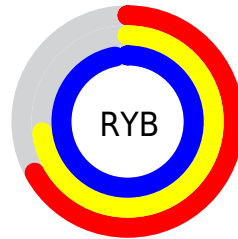
# Distribution



Red (67%)

Green (74%)

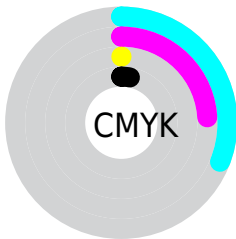
Blue (97%)



Red (67%)

Yellow (73%)

Blue (97%)

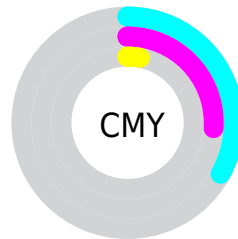


Cyan (31%)

Magenta (24%)

Yellow (0%)

Black (3%)



Cyan (33%)

Magenta (26%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABBDF8 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 ABBDF8 by changing the saturation by 10% instead.



■ ABBDF8

FFFFFF

■ E4F5FF

■ ABBDF8

■ 90A2DB

■ 7588BF

■ 5A6FA4

■ 40568A

■ 253F70

■ 022A57

■ 001640

■ 000329

■ 000113

 ABBDF8

 ABBDF8

 92AAF8

 C4D0F8

 7997F8

 DDE3F8

 6184F8

 F5F6F8

 4871F8

 FFFFF8

 2F5EF8

 164BF8

 003AF8

# Harmonies

## Analogous

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



80C6F6



ABBDF8



D3B3EA

# Triad

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



ABBDF8



F5AE98



83CEAC

# Complementary

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



ABBDF8



F8E6AB

# 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.



A5C992



ABBDF8



E3B787

# Square

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



ABBDF8



FAA9B3



C7C184



67CFCB

# Rectangle

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



ABBDF8



E7ADDA



C7C184



8ECCA3



# Sweetspot

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



ABBDF8



E8EDFF



ABF8E5



717580



000000



808080



# Same Dimension

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



ABBDF8



A1B7FF



BEABF8



70737D



002CBD



000E3D



# Inverse Universe

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



F8ABBD



FFA1B7



E5F8AB



7D7073



BD002C

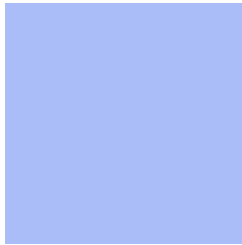


3D000E



# Previews

## White Background



This preview shows how the Hex color ABBDF8 looks on a white background.

## Color Contrast Check

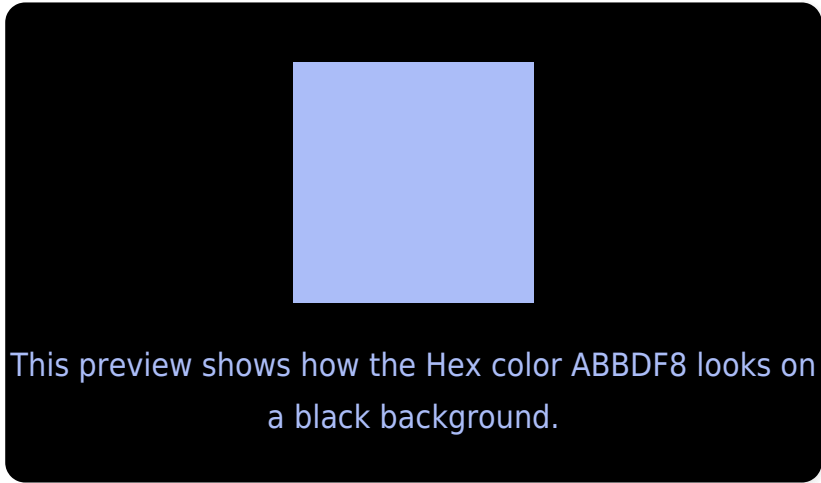
Large Text (above 18pt) WCAG AA × Fail

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

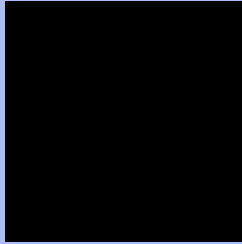
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex **ABBDF8** Background



This preview shows how black text looks on a background with the Hex color ABBDF8.



This preview shows how white text looks on a background with the Hex color ABBDF8.

# 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**  
ABBDF8

**Protanopia**  
AFBCF7

**Deuteranopia**  
B1BBF8

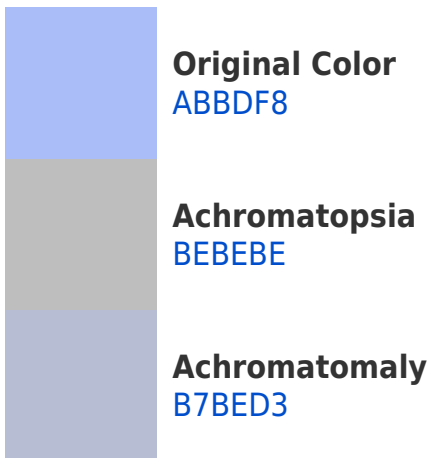


**Tritanopia**  
A3C4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABBDF8 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 #ABBDF8 looks like.

```
.text, #text, p{  
    color:#ABBDF8  
}
```

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 #ABBDF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABBDF8  
}
```

## Border

The CSS property to change the border of an element to Hex ABBDF8 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  
#ABBDF8 }
```

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

```
.border{ border-color:#ABBDF8 }
```

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

Here you see how a box with a 4 pixel #ABBDF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABBDF8; -webkit-box-shadow:4px 4px  
4px 4px #ABBDF8; box-shadow:4px 4px 4px  
4px #ABBDF8 }
```

# Background

The CSS property to change the background color of an element to Hex ABBDF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABBDF8 }
```

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

```
.background{ background-color:#ABBDF8 }
```

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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