

# Converting Colors

Hex(ABB7FF)

Have a look what the booklet for  
Hex(ABB7FF) contains.

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# **Color**

**Hex(ABB7FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABB7FF
RGB	171, 183, 255
RGB Percent	67%, 72%, 100%
CMY	0.3294, 0.2824, 0.0000
CMYK	0.33, 0.28, 0.00, 0.00
HSL	231°, 100%, 84%
HSV	231°, 33%, 100%
XYZ	51.7781, 49.7449, 101.4805
YIQ	187.6200, -30.2640, 19.8480

# Conversions

## Conversions Part 2

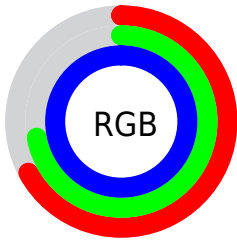
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	171, 182, 255
Decimal	11253759
CIE Lab	75.91, 12.18, -36.89
CIE LCh	76, 38.850, 288.274
Yxy	49.7449, 0.2551, 0.2450
Android (android.graphics.Color)	4289443839 (0xFFABB7FF)
YUV	187.6200, 33.2183, -14.5757
Hunter-Lab	70.5301, 7.6142, -35.9369

# Details

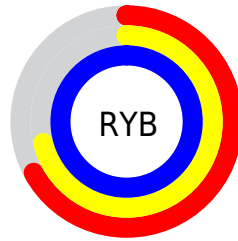
The Hex color **ABB7FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFF3AB**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **E4EFFF**, and **7482C6** is the 20% darker color. If you saturate the color by 10%, you get **92A1FF**, and if you desaturate by 10%, it is **C4CDFF**.

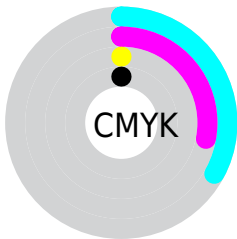
# Distribution



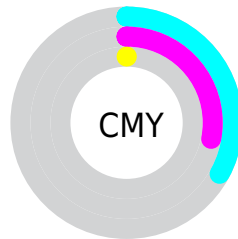
- Red (67%)
- Green (72%)
- Blue (100%)



- Red (67%)
- Yellow (71%)
- Blue (100%)



- Cyan (33%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (28%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABB7FF 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 ABB7FF by changing the saturation by 10% instead.



■ ABB7FF

■ ABB7FF

FFFFFF

■ 8F9CE2

■ E4EFFF

■ 7482C6

■ 5969AA

■ 3E5190

■ 223A76

■ 00255D

■ 001145

■ 00042E

■ 000118

 ABB7FF

 ABB7FF

 92A1FF

 C4CDFF

 788BFF

 DEE3FF

 5F75FF

 F8F9FF

 4560FF

FFFFFF

 2C4AFF

 1234FF

 0024FF

# Harmonies

## Analogous

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



70C3FF



ABB7FF



DAAAEB

# Triad

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



ABB7FF



F8A887



67CEAB

# Complementary

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



ABB7FF



FFF3AB

# 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.



94C98A



ABB7FF



E0B475

# Square

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



ABB7FF



FFA0A6



BDC076



39CED0

# Rectangle

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



ABB7FF



F0A3D6



BDC076



76CC9F



# Sweetspot

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



ABB7FF



E6E9FF



ABFFF2



707280



000000



808080



# Same Dimension

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



ABB7FF



99A8FF



C8ABFF



737580



001BBF



000940



# Inverse Universe

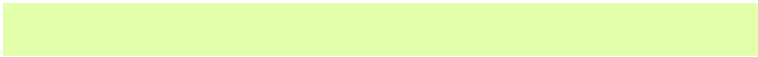
The Inverse Universe completely reimagines the original color for something new.



FFABB7



FF99A8



E2FFAB



807375



BF001B

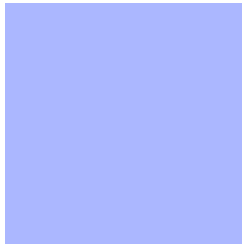


400009



# Previews

## White Background



This preview shows how the Hex color ABB7FF looks on a white background.

## Color Contrast Check

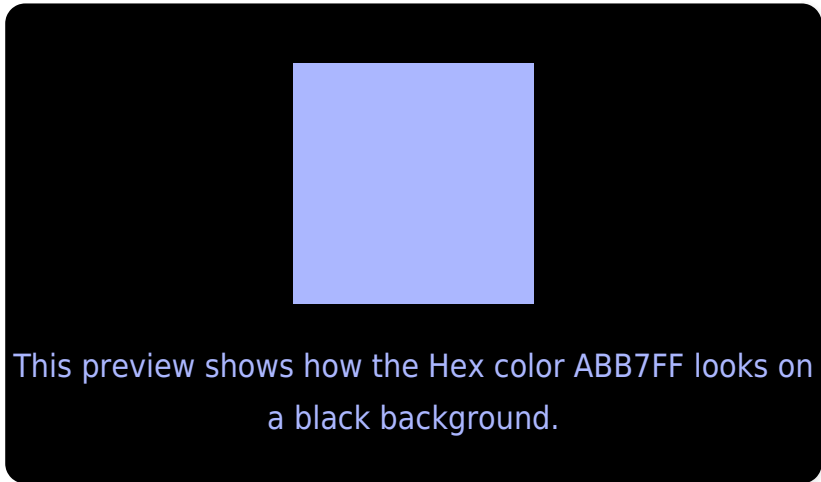
Large Text (above 18pt) WCAG AA × Fail

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

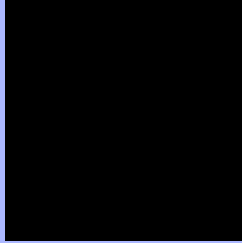
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ABB7FF Background



This preview shows how black text looks on a background with the Hex color ABB7FF.



This preview shows how white text looks on a background with the Hex color ABB7FF.

# 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



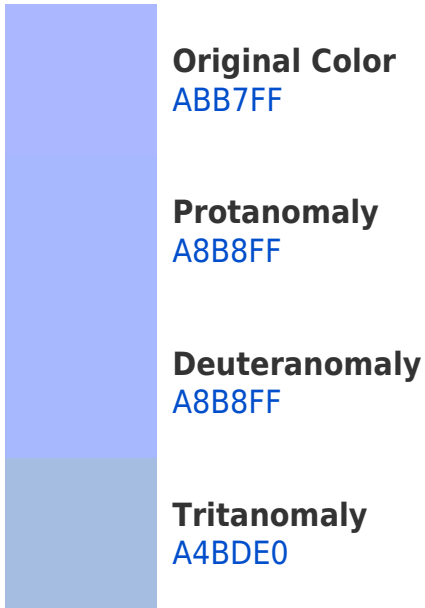
**Original Color**  
ABB7FF

**Protanopia**  
A6B8FF

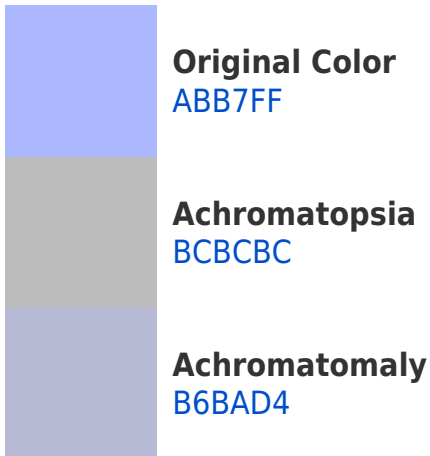
**Deuteranopia**  
A6B8FF



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABB7FF 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 #ABB7FF looks like.

```
.text, #text, p{  
    color:#ABB7FF  
}
```

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 #ABB7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABB7FF  
}
```

## Border

The CSS property to change the border of an element to Hex ABB7FF 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  
#ABB7FF }
```

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

```
.border{ border-color:#ABB7FF }
```

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

Here you see how a box with a 4 pixel #ABB7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABB7FF; -webkit-box-shadow:4px 4px  
4px 4px #ABB7FF; box-shadow:4px 4px 4px  
4px #ABB7FF }
```

# Background

The CSS property to change the background color of an element to Hex ABB7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABB7FF }
```

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

```
.background{ background-color:#ABB7FF }
```

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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