

# Converting Colors

Hex(BAC4FF)

Have a look what the booklet for  
Hex(BAC4FF) contains.

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# **Color**

**Hex(BAC4FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAC4FF
RGB	186, 196, 255
RGB Percent	73%, 77%, 100%
CMY	0.2706, 0.2314, 0.0000
CMYK	0.27, 0.23, 0.00, 0.00
HSL	231°, 100%, 86%
HSV	231°, 27%, 100%
XYZ	58.0396, 57.1390, 102.5776
YIQ	199.7360, -24.8990, 16.2290

# Conversions

## Conversions Part 2

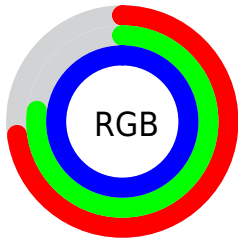
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">186, 195, 255</a>
Decimal	<a href="#">12240127</a>
CIELab	<a href="#">80.26, 9.29, -30.10</a>
CIElCh	<a href="#">80, 31.502, 287.154</a>
Yxy	<a href="#">57.1390, 0.2665, 0.2624</a>
Android (android.graphics.Color)	<a href="#">4290430207 (0xFFBAC4FF)</a>
YUV	<a href="#">199.7360, 27.2452, -12.0465</a>
Hunter-Lab	<a href="#">75.5903, 4.7725, -27.5446</a>

# Details

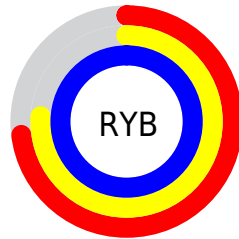
The Hex color **BAC4FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFF5BA**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **F3FDFF**, and **838EC6** is the 20% darker color. If you saturate the color by 10%, you get **A1AEFF**, and if you desaturate by 10%, it is **D3DAFF**.

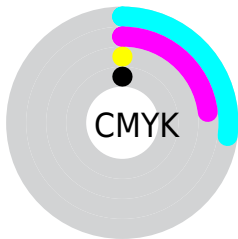
# Distribution



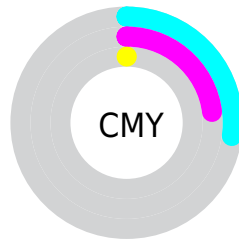
- Red (73%)
- Green (77%)
- Blue (100%)



- Red (73%)
- Yellow (76%)
- Blue (100%)



- Cyan (27%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (23%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAC4FF 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 BAC4FF by changing the saturation by 10% instead.



 BAC4FF

FFFFFF

 F3DFFF

 BAC4FF

 9EA9E2

 838EC6

 6975AB

 4F5C90

 364576

 1B2F5D

 001A45

 00002F

 000119

 BAC4FF

 BAC4FF

 A1AEFF

 D3DAFF

 8798FF

 EDF0FF

 6D83FF

FFFFFF

 546DFF

 3A57FF

 2141FF

 082BFF

 0025FF

# Harmonies

## Analogous

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



90CEFF



BAC4FF



E0BAEF

# Triad

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



BAC4FF



FCB79D



88D7B9

# Complementary

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



BAC4FF



FFF5BA

# 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.



A9D29E



BAC4FF



E8C18E

# Square

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



BAC4FF



FFB2B7



CBCB8E



6FD7D7

# Rectangle

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



BAC4FF



F3B4DF



CBCB8E



93D6AF



# Sweetspot

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



BAC4FF



EBEFFF



BAFFF5



737580



000000



808080



# Same Dimension

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



BAC4FF



ADB9FF



D2BAFF



737580



001CBF



000940



# Inverse Universe

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



FFBAC4



FFADB9



E7FFBA



807375



BF001C



400009



# Previews

## White Background



This preview shows how the Hex color BAC4FF looks on a white background.

## Color Contrast Check

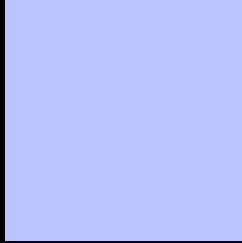
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color BAC4FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

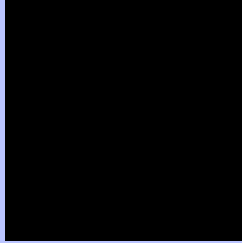
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BAC4FF Background



This preview shows how black text looks on a background with the Hex color BAC4FF.



This preview shows how white text looks on a background with the Hex color BAC4FF.

# 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**  
BAC4FF

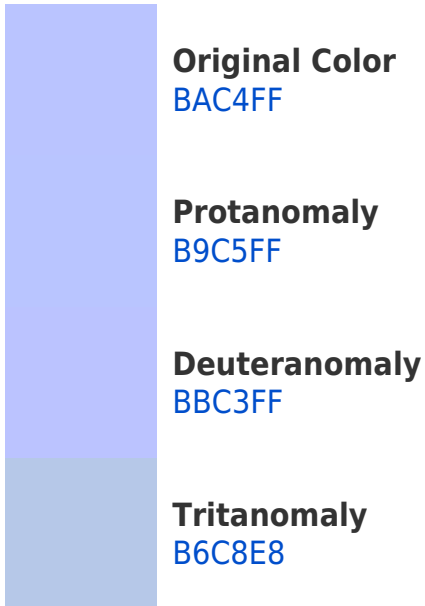
**Protanopia**  
B8C5FF

**Deuteranopia**  
BCC3FF

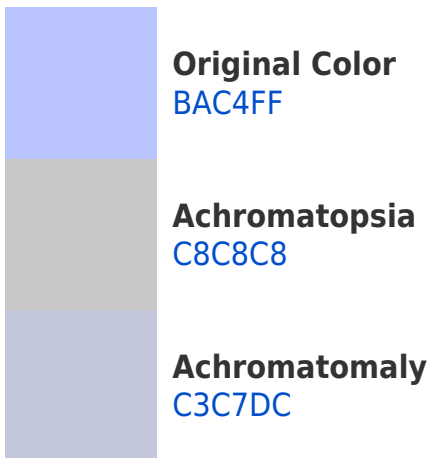


**Tritanopia**  
B3CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAC4FF 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 #BAC4FF looks like.

```
.text, #text, p{  
    color:#BAC4FF  
}
```

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 #BAC4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAC4FF
}
```

## Border

The CSS property to change the border of an element to Hex BAC4FF 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
#BAC4FF }
```

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

```
.border{ border-color:#BAC4FF }
```

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

Here you see how a box with a 4 pixel #BAC4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAC4FF; -webkit-box-shadow:4px 4px  
4px 4px #BAC4FF; box-shadow:4px 4px 4px  
4px #BAC4FF }
```

# Background

The CSS property to change the background color of an element to Hex BAC4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAC4FF }
```

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

```
.background{ background-color:#BAC4FF }
```

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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