

Converting Colors

Hex(BC86FF)

Have a look what the booklet for
Hex(BC86FF) contains.

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Color

Hex(**BC86FF**)

Conversions

Conversions Part 1

Format	Color
Hex	BC86FF
RGB	188, 134, 255
RGB Percent	74%, 53%, 100%
CMY	0.2627, 0.4745, 0.0000
CMYK	0.26, 0.47, 0.00, 0.00
HSL	267°, 100%, 76%
HSV	267°, 47%, 100%
XYZ	47.3141, 34.9616, 98.8623
YIQ	163.9400, -6.6570, 49.0790

Conversions

Conversions Part 2

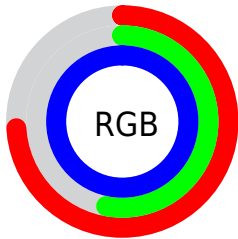
Format	Color
RYB	188, 134, 255
Decimal	12355327
CIELab	65.72, 44.03, -52.77
CIELCh	66, 68.728, 309.840
Yxy	34.9616, 0.2612, 0.1930
Android (android.graphics.Color)	4290545407 (0xFFBC86FF)
YUV	163.9400, 44.8926, 21.1006
Hunter-Lab	59.1283, 39.3602, -57.7428

Details

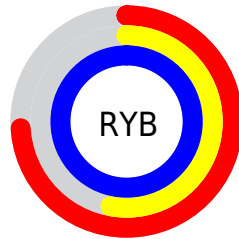
The Hex color **BC86FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C9FF86**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **F6BCFF**, and **8453C6** is the 20% darker color. If you saturate the color by 10%, you get **AE6DFF**, and if you desaturate by 10%, it is **CAA0FF**.

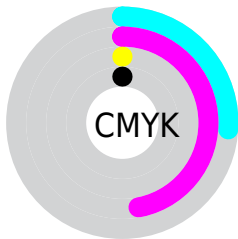
Distribution



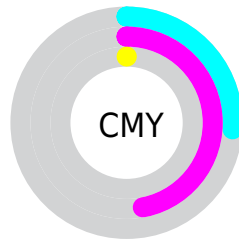
- Red (74%)
- Green (53%)
- Blue (100%)



- Red (74%)
- Yellow (53%)
- Blue (100%)



- Cyan (26%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC86FF 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 BC86FF by changing the saturation by 10% instead.

 BC86FF

 BC86FF

FFFFFF

 A06CE2

 F6BCFF

 8453C6

 FFD8FF

 683AAA

 FFF5FF

 4D218F

 300675

 0F005B

 000043

 00032C

 000116

 BC86FF

 BC86FF

 AE6DFF

 CAA0FF

 A053FF

 D8B9FF

 923AFF

 E6D3FF

 8420FF

 F4ECFF

 7507FF

FFFFFF

 7200FF

Harmonies

Analogous

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



34A0FF



BC86FF



F96BCC

Triad

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



BC86FF



DF8D21



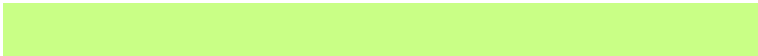
00BDB3

Complementary

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



BC86FF



C9FF86

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.



00BA73



BC86FF



ABA306

Square

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



BC86FF



FF7353



68B238



00BAED

Rectangle

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



BC86FF



FF62A3



68B238



00BC9D

Sweetspot

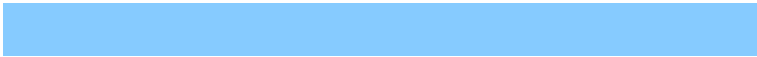
The Sweet Spot groups the original color and five complimentary colors.



BC86FF



EBDBFF



86CBFF



736A80



000000



808080

Same Dimension

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



BC86FF



AF6EFF



F786FF



787380



5500BF



1C0040

Inverse Universe

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



FF86C9



FF6EBE



8EFF86



80737A



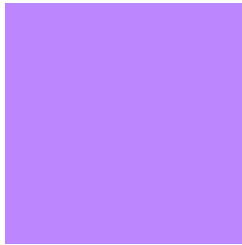
BF006A



400023

Previews

White Background



This preview shows how the Hex color BC86FF looks on a white background.

Color Contrast Check

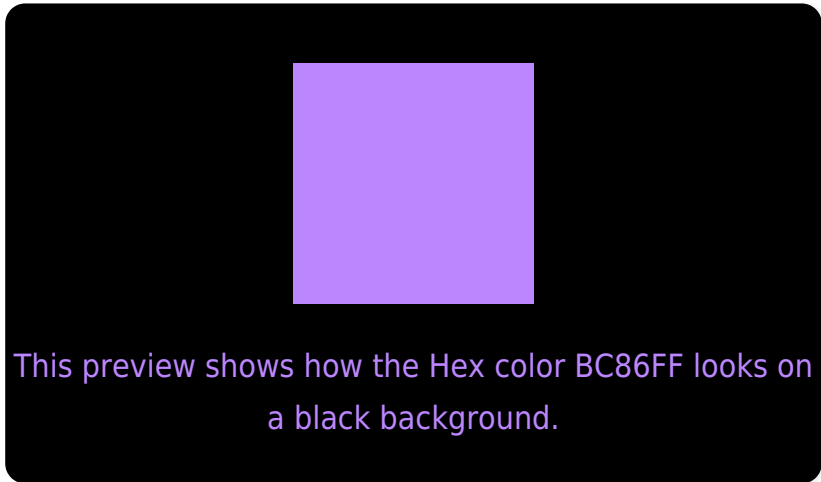
Large Text (above 18pt) WCAG AA × Fail

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

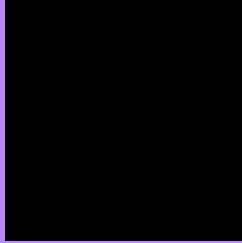
Any Text WCAG AA ✓ Pass

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 BC86FF Background



This preview shows how black text looks on a background with the Hex color BC86FF.

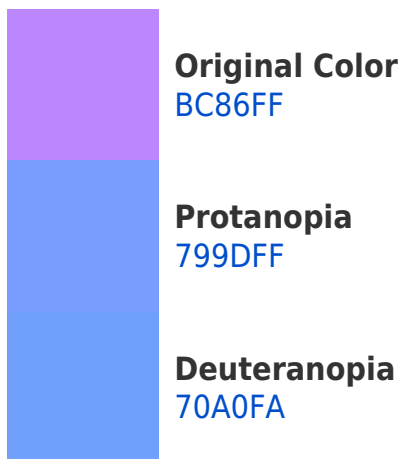


This preview shows how white text looks on a background with the Hex color BC86FF.

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](#).

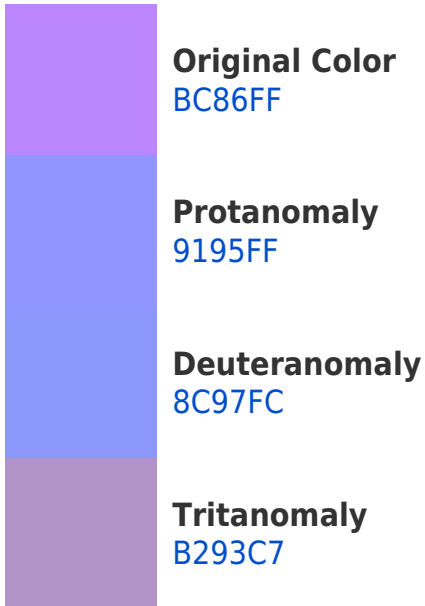
Dichromacy



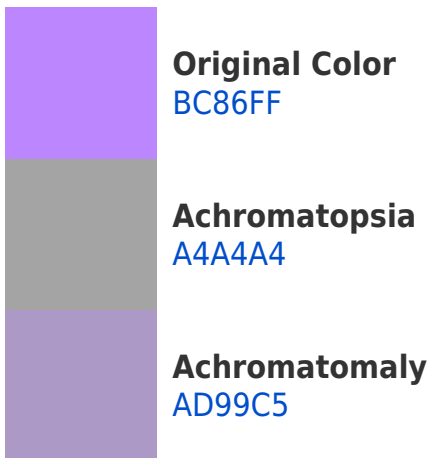


Tritanopia
AC9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BC86FF 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 #BC86FF looks like.

```
.text, #text, p{  
  color:#BC86FF  
}
```

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 #BC86FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC86FF
}
```

Border

The CSS property to change the border of an element to Hex BC86FF 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".

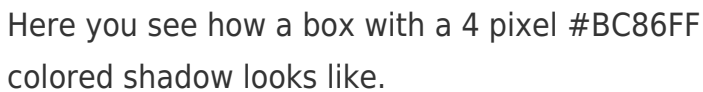
```
.border, #border, table{ border:4px solid
#BC86FF }
```

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

```
.border{ border-color:#BC86FF }
```

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

Here you see how a box with a 4 pixel #BC86FF colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and there is a thick purple shadow cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC86FF; -webkit-box-shadow:4px 4px  
4px 4px #BC86FF; box-shadow:4px 4px 4px  
4px #BC86FF }
```

Background

The CSS property to change the background color of an element to Hex BC86FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC86FF }
```

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

```
.background{ background-color:#BC86FF }
```

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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