

# Converting Colors

Hex(BC7FF5)

Have a look what the booklet for  
Hex(BC7FF5) contains.

<b>Hex(BC7FF5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(**BC7FF5**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BC7FF5
RGB	188, 127, 245
RGB Percent	74%, 50%, 96%
CMY	0.2627, 0.5020, 0.0392
CMYK	0.23, 0.48, 0.00, 0.04
HSL	271°, 86%, 73%
HSV	271°, 48%, 96%
XYZ	44.8098, 32.4627, 90.2904
YIQ	158.6910, -1.5220, 49.6300

# Conversions

## Conversions Part 2

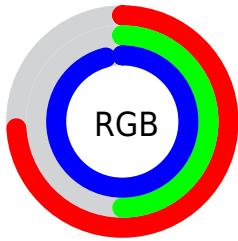
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	188, 127, 245
Decimal	12353525
CIE <sub>Lab</sub>	63.72, 45.51, -50.44
CIE <sub>LCh</sub>	64, 67.941, 312.058
Y <sub>xy</sub>	32.4627, 0.2674, 0.1937
Android (android.graphics.Color)	4290543605 (0xFFBC7FF5)
YUV	158.6910, 42.5503, 25.7040
Hunter-Lab	56.9760, 40.6765, -54.0741

# Details

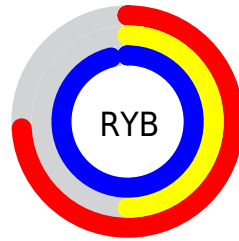
The Hex color **BC7FF5** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B8F57F**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F6B5FF**, and **844CBC** is the 20% darker color. If you saturate the color by 10%, you get **B067F5**, and if you desaturate by 10%, it is **C898F5**.

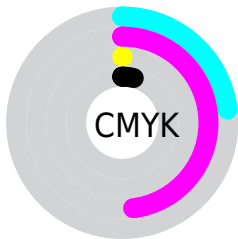
# Distribution



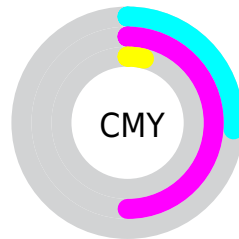
- Red (74%)
- Green (50%)
- Blue (96%)



- Red (74%)
- Yellow (50%)
- Blue (96%)



- Cyan (23%)
- Magenta (48%)
- Yellow (0%)
- Black (4%)



- Cyan (26%)
- Magenta (50%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC7FF5 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 BC7FF5 by changing the saturation by 10% instead.



 BC7FF5

 BC7FF5

FFFFFF

 A065D8

 F6B5FF

 844CBC

 FFD1FF

 6933A1

 FFE0FF

 4D1986

 32006C

 150053

 00003B

 000224

 00000C

 BC7FF5

 BC7FF5

 B067F5

 C898F5

 A44EF5

 D4B0F5

 9836F5

 E0C9F5

 8D1DF5

 EBE1F5

 8105F5

 F7FAF5

 7F00F5

 FFFFF5

# Harmonies

## Analogous

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



4299FF



BC7FF5



F465C1

# Triad

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



BC7FF5



D58A19



00B7B2

# Complementary

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



BC7FF5



B8F57F

# 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.



00B473



BC7FF5



A19F01

# Square

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



BC7FF5



FA704C



5DAD38



00B4EA

# Rectangle

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



BC7FF5



FF5D99



5DAD38



00B69D



# Sweetspot

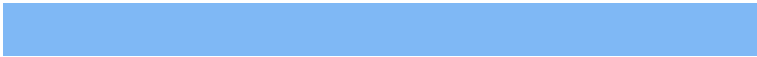
The Sweet Spot groups the original color and five complimentary colors.



BC7FF5



EEDBFF



7FB8F5



756A80



000000



808080



# Same Dimension

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



BC7FF5



B86BFF



F57FF3



746E7A



6000BA



1E003B



# Inverse Universe

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



F57FB8



FF6BB3



7FF581



7A6E74



BA005A

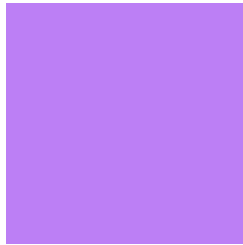


3B001C



# Previews

## White Background



This preview shows how the Hex color BC7FF5 looks on a white background.

## Color Contrast Check

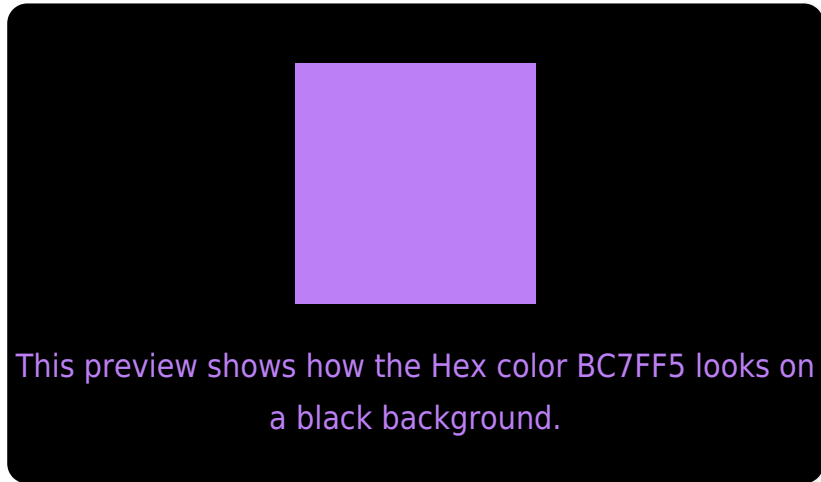
Large Text (above 18pt) WCAG AA × Fail

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

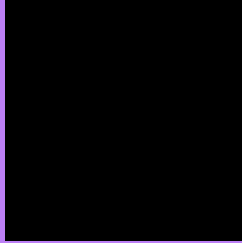
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BC7FF5 Background



This preview shows how black text looks on a background with the Hex color BC7FF5.

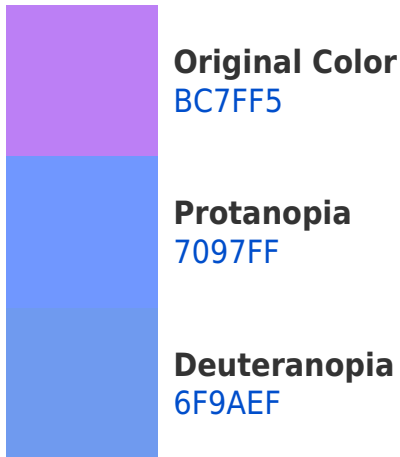



This preview shows how white text looks on a background with the Hex color BC7FF5.

# 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](#).

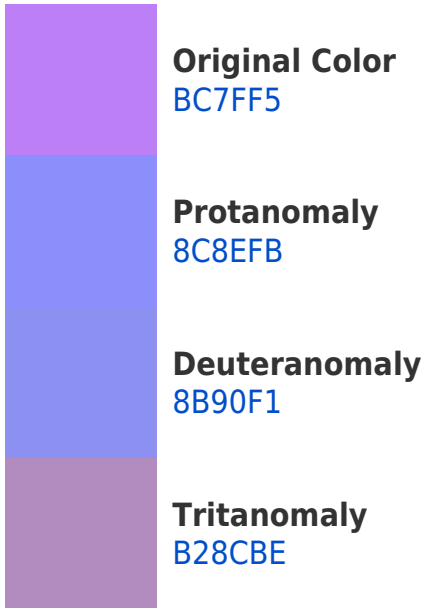
## Dichromacy



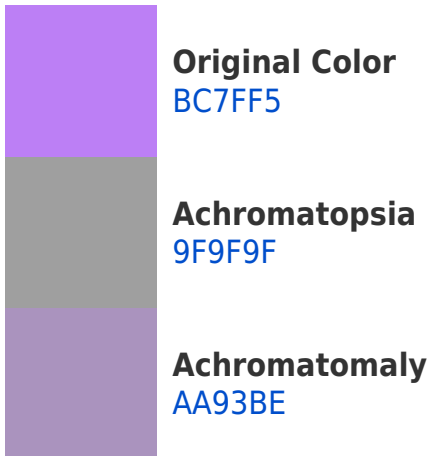


**Tritanopia**  
AD939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC7FF5 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 #BC7FF5 looks like.

```
.text, #text, p{  
    color:#BC7FF5  
}
```

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 #BC7FF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC7FF5
}
```

## Border

The CSS property to change the border of an element to Hex BC7FF5 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
#BC7FF5 }
```

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

```
.border{ border-color:#BC7FF5 }
```

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

Here you see how a box with a 4 pixel #BC7FF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC7FF5; -webkit-box-shadow:4px 4px  
4px 4px #BC7FF5; box-shadow:4px 4px 4px  
4px #BC7FF5 }
```

# Background

The CSS property to change the background color of an element to Hex BC7FF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC7FF5 }
```

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

```
.background{ background-color:#BC7FF5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor