

Converting Colors

Hex(BD57FF)

Have a look what the booklet for
Hex(BD57FF) contains.

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Color

Hex(BD57FF)

Conversions

Conversions Part 1

Format	Color
Hex	BD57FF
RGB	189, 87, 255
RGB Percent	74%, 34%, 100%
CMY	0.2588, 0.6588, 0.0000
CMYK	0.26, 0.66, 0.00, 0.00
HSL	276°, 100%, 67%
HSV	276°, 66%, 100%
XYZ	42.4445, 24.8552, 97.1682
YIQ	136.6500, 6.8640, 73.8720

Conversions

Conversions Part 2

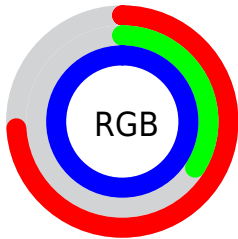
Format	Color
R_{YB}	189, 87, 255
Decimal	12408831
CIE _{Lab}	56.93, 67.81, -66.81
CIE _{LCh}	57, 95.187, 315.426
Yxy	24.8552, 0.2581, 0.1511
Android (android.graphics.Color)	4290598911 (0xFFBD57FF)
YUV	136.6500, 58.3466, 45.9110
Hunter-Lab	49.8550, 64.7212, -80.6587

Details

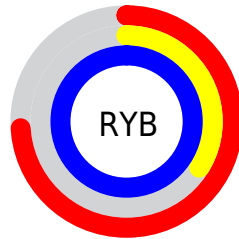
The Hex color **BD57FF** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **99FF57**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F98FFF**, and **8219C5** is the 20% darker color. If you saturate the color by 10%, you get **B33EFF**, and if you desaturate by 10%, it is **C771FF**.

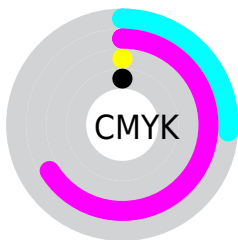
Distribution



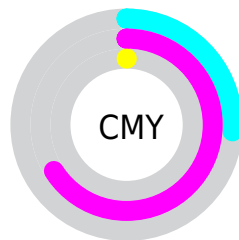
- Red (74%)
- Green (34%)
- Blue (100%)



- Red (74%)
- Yellow (34%)
- Blue (100%)



- Cyan (26%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD57FF 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 BD57FF by changing the saturation by 10% instead.

 BD57FF

 BD57FF

FFFFFF

 A03AE2

 F98FFF

 8219C5

 FFABFF

 6500A9

 FFC8FF

 48008E

 FFE5FF

 270074

 00005A

 000041

 00032A

 000114

 BD57FF

 BD57FF

 B33EFF

 C771FF

 A924FF

 D18AFF

 9F0BFF

 DBA4FF

 9B00FF

 E5BDFF

 EFD7FF

 F9F0FF

FFFFFF

Harmonies

Analogous

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



0085FF



BD57FF



FF00B5

Triad

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



BD57FF



C77600



00AAB3

Complementary

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



BD57FF



99FF57

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.



00A85B



BD57FF



7F9200

Square

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



BD57FF



FC4502



00A100



00A9FF

Rectangle

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



BD57FF



FF007E



00A100



00AA96

Sweetspot

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



BD57FF



EBCCFE



579AFF



736180



000000



808080

Same Dimension

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



BD57FF



B036FF



FF57EE



7A7380



7400BF



270040

Inverse Universe

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



FF5799



FF3685



57FF68



807378



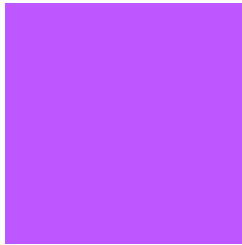
BF004B



400019

Previews

White Background



This preview shows how the Hex color BD57FF looks on a white background.

Color Contrast Check

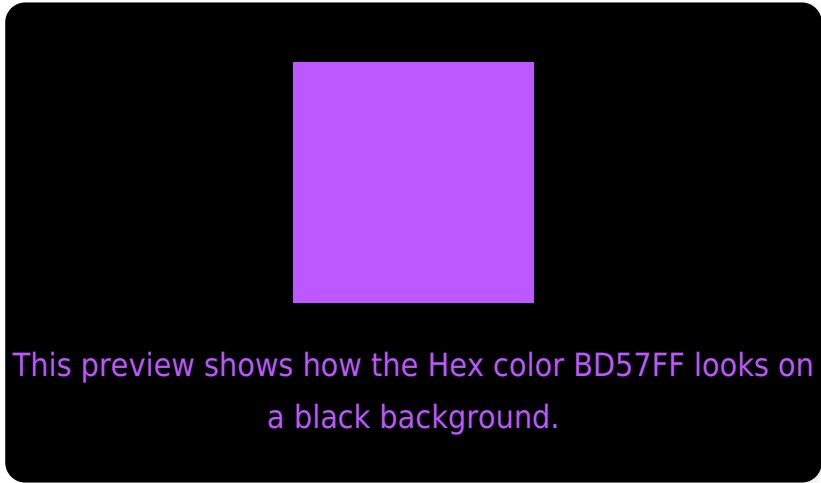
Large Text (above 18pt) WCAG AA ✓ Pass

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

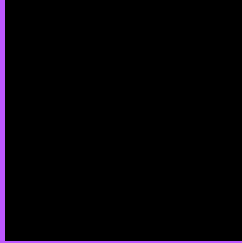
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex BD57FF Background



This preview shows how black text looks on a background with the Hex color BD57FF.

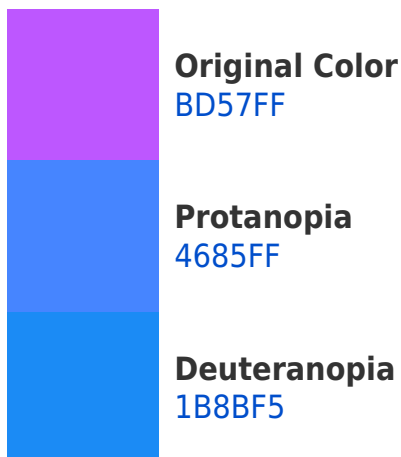



This preview shows how white text looks on a background with the Hex color BD57FF.

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](#).

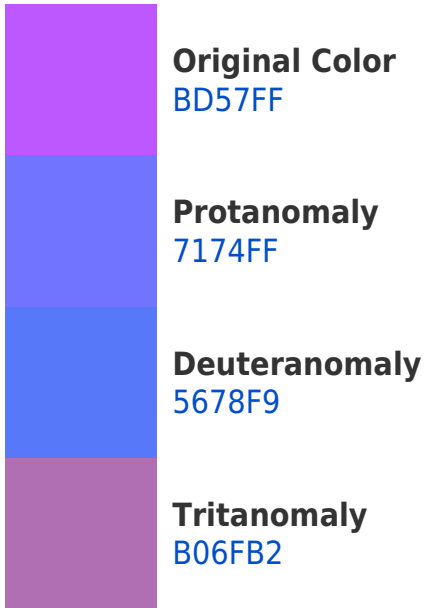
Dichromacy



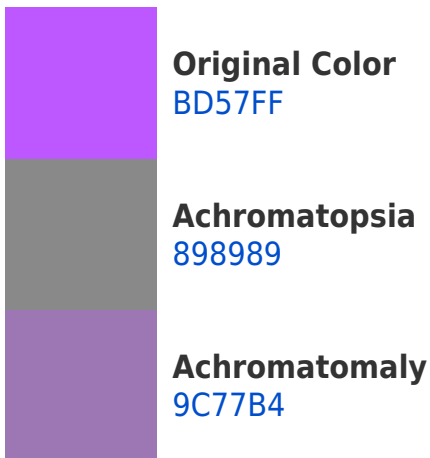


Tritanopia
A97C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD57FF 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 #BD57FF looks like.

```
.text, #text, p{  
    color:#BD57FF  
}
```

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 #BD57FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD57FF
}
```

Border

The CSS property to change the border of an element to Hex BD57FF 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".

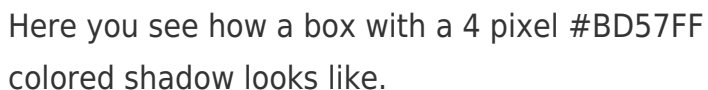
```
.border, #border, table{ border:4px solid
#BD57FF }
```

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

```
.border{ border-color:#BD57FF }
```

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

Here you see how a box with a 4 pixel #BD57FF 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 a purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD57FF; -webkit-box-shadow:4px 4px  
4px 4px #BD57FF; box-shadow:4px 4px 4px  
4px #BD57FF }
```

Background

The CSS property to change the background color of an element to Hex BD57FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD57FF }
```

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

```
.background{ background-color:#BD57FF }
```

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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