

Converting Colors

Hex(BC72DF)

Have a look what the booklet for
Hex(BC72DF) contains.

Hex(BC72DF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BC72DF)

Conversions

Conversions Part 1

Format	Color
Hex	BC72DF
RGB	188, 114, 223
RGB Percent	74%, 45%, 87%
CMY	0.2627, 0.5529, 0.1255
CMYK	0.16, 0.49, 0.00, 0.13
HSL	281°, 63%, 66%
HSV	281°, 49%, 87%
XYZ	40.0756, 28.0537, 73.1147
YIQ	148.5520, 9.1150, 49.5870

Conversions

Conversions Part 2

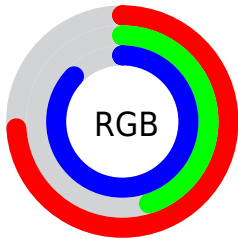
Format	Color
R _{YB}	188, 114, 223
Decimal	12350175
CIE _{Lab}	59.94, 47.61, -44.21
CIE _{LCh}	60, 64.975, 317.123
Yxy	28.0537, 0.2837, 0.1986
Android (android.graphics.Color)	4290540255 (0xFFBC72DF)
YUV	148.5520, 36.7029, 34.5959
Hunter-Lab	52.9658, 42.3689, -44.7688

Details

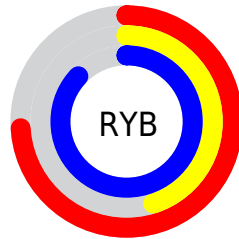
The Hex color **BC72DF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **95DF72**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **F6A8FF**, and **843EA7** is the 20% darker color. If you saturate the color by 10%, you get **B55CDF**, and if you desaturate by 10%, it is **C388DF**.

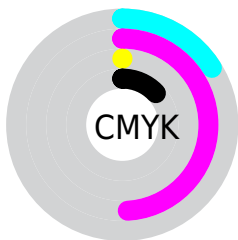
Distribution



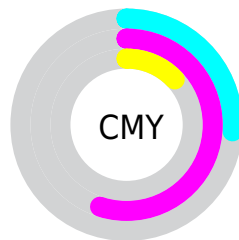
- Red (74%)
- Green (45%)
- Blue (87%)



- Red (74%)
- Yellow (45%)
- Blue (87%)



- Cyan (16%)
- Magenta (49%)
- Yellow (0%)
- Black (13%)



- Cyan (26%)
- Magenta (55%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC72DF 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 BC72DF by changing the saturation by 10% instead.

 BC72DF

 BC72DF

FFFFFF

 A058C3

 F6A8FF

 843EA7

 FFC4FF

 69248C

 FFE0FF

 4F0472

 FFFDFF

 340059

 1F0042

 00002A

 000114

 000000

 BC72DF

 BC72DF

 B55CDF

 C388DF

 AE45DF

 CA9FDF

 A72FDF

 D1B5DF

 9F19DF

 D9CBDF

 9803DF

 E0E2DF

 9700DF

 E7F8DF

 EEFFDF

 F5FFDF

 FCFFDF

Harmonies

Analogous

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



5B8CFE



BC72DF



EB5BAC

Triad

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



BC72DF



C1850D



00ABB0

Complementary

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



BC72DF



95DF72

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.



00AA75



BC72DF



8D9807

Square

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



BC72DF



E66D3E



47A33C



00A8E3

Rectangle

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



BC72DF



F65685



47A33C



00AB9D

Sweetspot

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



BC72DF



F3D9FF



7296DF



786980



000000



808080

Same Dimension

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



BC72DF



CF69FF



DF72CD



6D6570



7700B0



210030

Inverse Universe

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



DF7295



FF6999



72DF84



706569



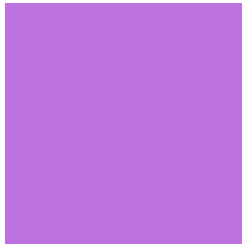
B00038



300010

Previews

White Background



This preview shows how the Hex color BC72DF 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 BC72DF Background



This preview shows how black text looks on a background with the Hex color BC72DF.



This preview shows how white text looks on a background with the Hex color BC72DF.

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](#).

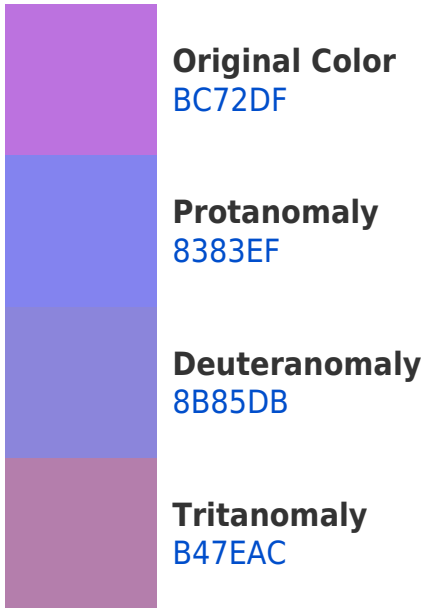
Dichromacy



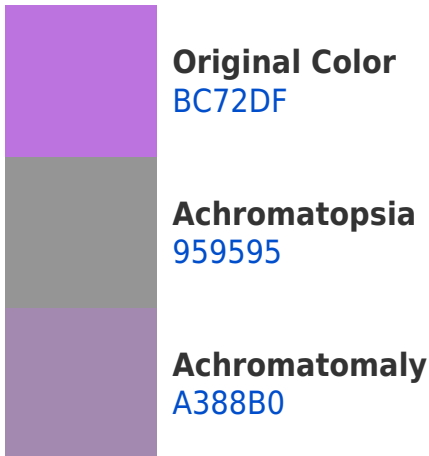


Tritanopia
B0858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BC72DF 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 #BC72DF looks like.

```
.text, #text, p{  
    color:#BC72DF  
}
```

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 #BC72DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC72DF
}
```

Border

The CSS property to change the border of an element to Hex BC72DF 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
#BC72DF }
```

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

```
.border{ border-color:#BC72DF }
```

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

Here you see how a box with a 4 pixel #BC72DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC72DF; -webkit-box-shadow:4px 4px  
4px 4px #BC72DF; box-shadow:4px 4px 4px  
4px #BC72DF }
```

Background

The CSS property to change the background color of an element to Hex BC72DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC72DF }
```

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

```
.background{ background-color:#BC72DF }
```

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