

Converting Colors

Hex(BB7CF2)

Have a look what the booklet for
Hex(BB7CF2) contains.

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Color

Hex(**BB7CF2**)

Conversions

Conversions Part 1

Format	Color
Hex	BB7CF2
RGB	187, 124, 242
RGB Percent	73%, 49%, 95%
CMY	0.2667, 0.5137, 0.0510
CMYK	0.23, 0.49, 0.00, 0.05
HSL	272°, 82%, 72%
HSV	272°, 49%, 95%
XYZ	43.7282, 31.3909, 87.7587
YIQ	156.2890, -0.3300, 50.0540

Conversions

Conversions Part 2

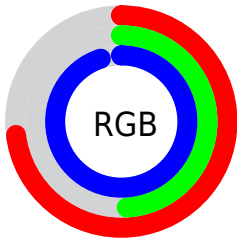
Format	Color
R _Y B	187, 124, 242
Decimal	12287218
CIE Lab	62.84, 46.18, -50.20
CIE LCh	63, 68.211, 312.611
Yxy	31.3909, 0.2685, 0.1927
Android (android.graphics.Color)	4290477298 (0xFFBB7CF2)
YUV	156.2890, 42.2555, 26.9335
Hunter-Lab	56.0276, 41.2667, -53.6495

Details

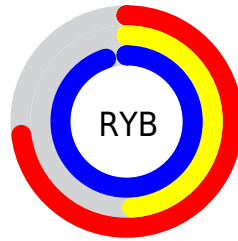
The Hex color **BB7CF2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B3F27C**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F5B2FF**, and **8349B9** is the 20% darker color. If you saturate the color by 10%, you get **B064F2**, and if you desaturate by 10%, it is **C694F2**.

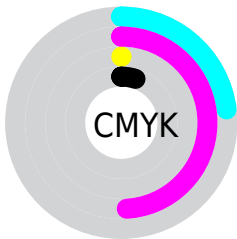
Distribution



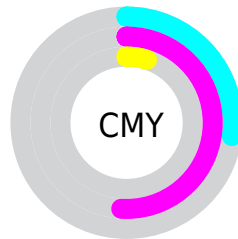
- Red (73%)
- Green (49%)
- Blue (95%)



- Red (73%)
- Yellow (49%)
- Blue (95%)



- Cyan (23%)
- Magenta (49%)
- Yellow (0%)
- Black (5%)



- Cyan (27%)
- Magenta (51%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB7CF2 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 BB7CF2 by changing the saturation by 10% instead.

 BB7CF2

 BB7CF2

FFFFFF

 9F62D5

 F5B2FF

 8349B9

 FFCEFF

 68309E

 FFE8FF

 4D1583

 310069

 150051

 000039

 000222

 000008

 BB7CF2

 BB7CF2

 B064F2

 C694F2

 A44CF2

 D2ACF2

 9933F2

 DDC5F2

 8E1BF2

 E8DDF2

 8303F2

 F3F5F2

 8100F2

 FFFFF2

Harmonies

Analogous

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



4296FF



BB7CF2



F362BE

Triad

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



BB7CF2



D28814



00B4B1

Complementary

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



BB7CF2



B3F27C

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.



00B271



BB7CF2



9E9D00

Square

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



BB7CF2



F76E48



58AB36



00B2E9

Rectangle

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



BB7CF2



FF5A95



58AB36



00B49C

Sweetspot

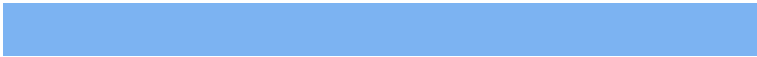
The Sweet Spot groups the original color and five complimentary colors.



BB7CF2



EDD9FF



7CB3F2



756980



000000



808080

Same Dimension

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



BB7CF2



B969FF



F27CEE



726C78



6200B8



1E0038

Inverse Universe

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



F27CB3



FF69AF



7CF280



786C71



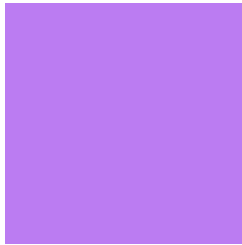
B80056



38001A

Previews

White Background



This preview shows how the Hex color BB7CF2 looks on a white background.

Color Contrast Check

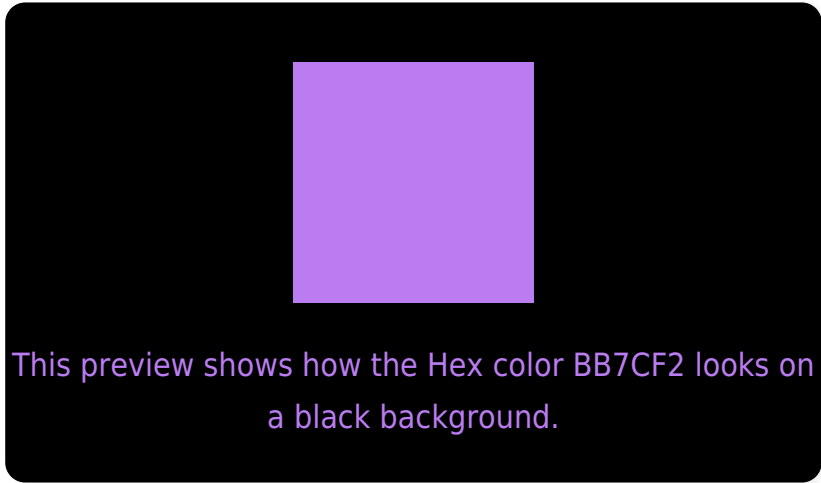
Large Text (above 18pt) WCAG AA × Fail

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

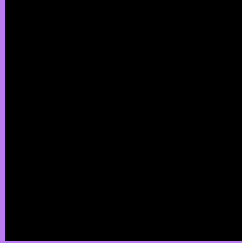
Any Text WCAG AA ✓ Pass

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 BB7CF2 Background



This preview shows how black text looks on a background with the Hex color BB7CF2.



This preview shows how white text looks on a background with the Hex color BB7CF2.

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](#).

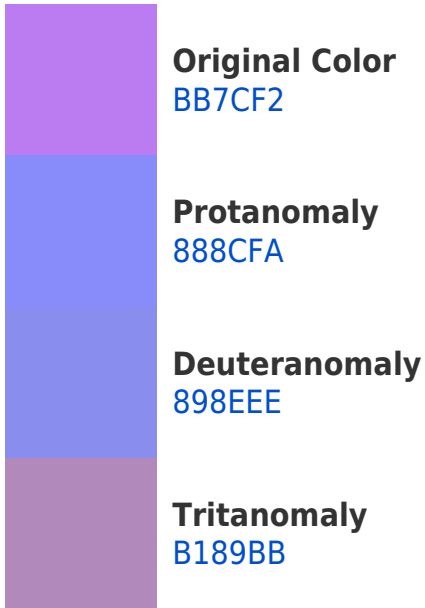
Dichromacy



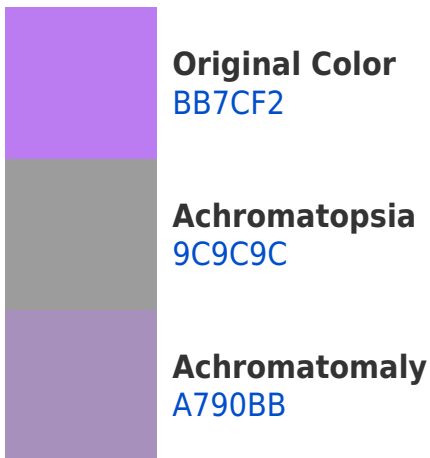


Tritanopia
AC919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB7CF2 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 #BB7CF2 looks like.

```
.text, #text, p{  
    color:#BB7CF2  
}
```

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 #BB7CF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB7CF2
}
```

Border

The CSS property to change the border of an element to Hex BB7CF2 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
#BB7CF2 }
```

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

```
.border{ border-color:#BB7CF2 }
```

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

Here you see how a box with a 4 pixel #BB7CF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB7CF2; -webkit-box-shadow:4px 4px  
4px 4px #BB7CF2; box-shadow:4px 4px 4px  
4px #BB7CF2 }
```

Background

The CSS property to change the background color of an element to Hex BB7CF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB7CF2 }
```

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

```
.background{ background-color:#BB7CF2 }
```

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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