Converting Colors

Hex(BB4CD8)

Have a look what the booklet for Hex(BB4CD8) contains.

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Color

Hex(BB4CD8)

Conversions

Conversions Part 1

Format	Color
Hex	BB4CD8
RGB	187, 76, 216
RGB Percent	73%, 30%, 85%
CMY	0.2667, 0.7020, 0.1529
CMYK	0.13, 0.65, 0.00, 0.15
HSL	288°, 64%, 57%
HSV	288°, 65%, 85%
XYZ	35.4726, 20.6915, 67.0900
YIQ	125.1490, 21.2160, 67.0720

Conversions

Conversions Part 2

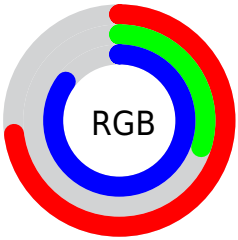
Format	Color
RYB	187, 76, 216
Decimal	12274904
CIELab	52.61, 64.25, -51.89
CIELCh	53, 82.593, 321.074
Yxy	20.6915, 0.2878, 0.1679
Android (android.graphics.Color)	4290464984 (0xFFBB4CD8)
YUV	125.1490, 44.7895, 54.2433
Hunter-Lab	45.4880, 59.5947, -55.6050

Details

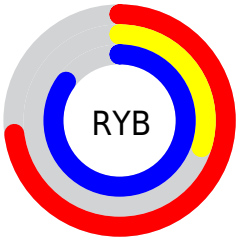
The Hex color BB4CD8 is a light color, and the websafe version is hex CC66FF. The color can be described as light muted purple. A complement of this color would be 69D84C, and the grayscale version is 7D7D7D.

A 20% lighter version of the original color is F684FF, and 8203A0 is the 20% darker color. If you saturate the color by 10%, you get B736D8, and if you desaturate by 10%, it is BF62D8.

Distribution

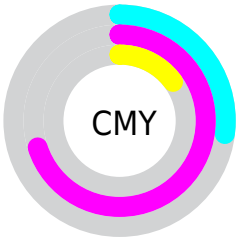


- Red (73%)
- Green (30%)
- Blue (85%)



- Red (73%)
- Yellow (30%)
- Blue (85%)

- Cyan (13%)
- Magenta (65%)
- Yellow (0%)
- Black (15%)



- Cyan (27%)
- Magenta (70%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB4CD8 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 BB4CD8 by changing the saturation by 10% instead.

BB4CD8

FFFFFF

F684FF

FFA0FF

FFBCFF

FFD9FF

FFF7FF

BB4CD8

9E2EBC

8203A0

660086

4A006C

300053

11003B

000224

00000B

000000

BB4CD8

B736D8

B221D8

AE0BD8

AB00D8

BB4CD8

BF62D8

C477D8

C88DD8

CDA2D8

D1B8D8

D6CED8

DAE3D8

DFF9D8

E3FFD8

Harmonies

Analogous

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

2C75FF

BB4CD8

EE1096

Triad

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

BB4CD8

AA7300

009BAF

Complementary

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

BB4CD8

69D84C

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.

009A65

BB4CD8

698900

Square

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

BB4CD8

DB5000

009510

0098EC

Rectangle

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

BB4CD8

F70067

009510

009B97

Sweetspot

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

BB4CD8

F5CFFF

4C6AD8

796280

000000

808080

Same Dimension

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

BB4CD8

D638FF

D84CB0

69606B

8700AB

22002B

Inverse Universe

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

D84C69

FF3861

4CD874

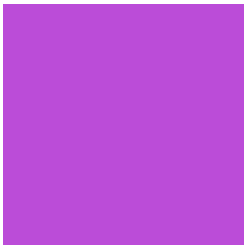
6B6063

AB0023

2B0009

Previews

White Background

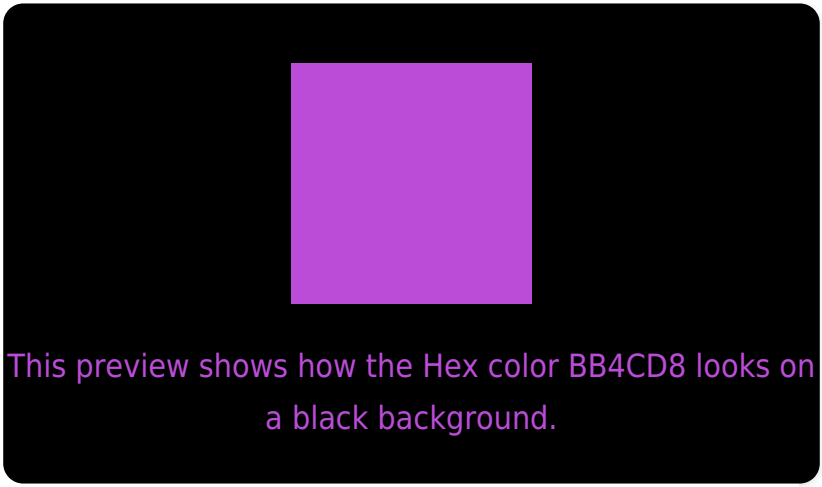


This preview shows how the Hex color BB4CD8 looks on a white background.

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 BB4CD8 Background

This preview shows how black text looks on a background with the Hex color BB4CD8.

This preview shows how white text looks on a background with the Hex color BB4CD8.

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

Original Color
BB4CD8

Protanopia
1B79FF

Deuteranopia
4A7FCF

Tritanopia
AD6B73

Trichromacy

Original Color
BB4CD8

Protanomaly
5569F1

Deuteranomaly
736CD2

Tritanomaly
B26098

Monochromacy

Original Color
BB4CD8

Achromatopsia
7D7D7D

Achromatomaly
946B9E

CSS Examples

Text

The CSS property to change the color of the text to Hex BB4CD8 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 #BB4CD8 looks like.

```
.text, #text, p{
    color:#BB4CD8
}
```

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 #BB4CD8 colored shadow looks like.

Here you see how black text with a 4 pixel #BB4CD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB4CD8
}
```

Border

The CSS property to change the border of an element to Hex BB4CD8 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
#BB4CD8 }
```

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

```
.border{ border-color:#BB4CD8 }
```

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

Here you see how a box with a 4 pixel #BB4CD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #BB4CD8; -webkit-box-shadow:4px 4px 4px 4px #BB4CD8; box-shadow:4px 4px 4px 4px #BB4CD8 }
```

Background

The CSS property to change the background color of an element to Hex BB4CD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#BB4CD8 }
```

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

```
.background{ background-color:#BB4CD8 }
```

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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