

Converting Colors

Hex(BB42D1)

Have a look what the booklet for
Hex(BB42D1) contains.

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Color

Hex(**BB42D1**)

Conversions

Conversions Part 1

Format	Color
Hex	BB42D1
RGB	187, 66, 209
RGB Percent	73%, 26%, 82%
CMY	0.2667, 0.7412, 0.1804
CMYK	0.11, 0.68, 0.00, 0.18
HSL	291°, 61%, 54%
HSV	291°, 68%, 82%
XYZ	33.9504, 19.0647, 62.2121
YIQ	118.4810, 26.2130, 70.1250

Conversions

Conversions Part 2

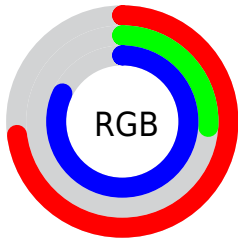
Format	Color
RYB	187, 66, 209
Decimal	12272337
CIELab	50.76, 66.99, -50.85
CIELCh	51, 84.106, 322.800
Yxy	19.0647, 0.2946, 0.1655
Android (android.graphics.Color)	4290462417 (0xFFBB42D1)
YUV	118.4810, 44.6259, 60.0912
Hunter-Lab	43.6631, 62.3826, -53.9134

Details

The Hex color **BB42D1** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **58D142**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **F67BFF**, and **82009A** is the 20% darker color. If you saturate the color by 10%, you get **B82DD1**, and if you desaturate by 10%, it is **BE57D1**.

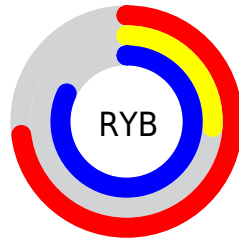
Distribution



Red (73%)

Green (26%)

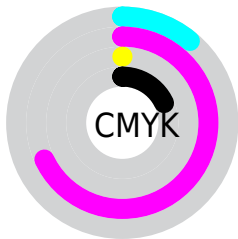
Blue (82%)



Red (73%)

Yellow (26%)

Blue (82%)

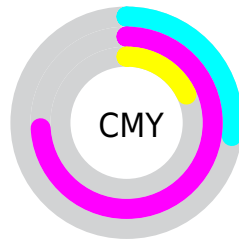


Cyan (11%)

Magenta (68%)

Yellow (0%)

Black (18%)



Cyan (27%)

Magenta (74%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB42D1 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 BB42D1 by changing the saturation by 10% instead.

 BB42D1

 BB42D1

FFFFFF

 9E21B5

 F67BFF

 82009A

 FF97FF

 66007F

 FFB4FF

 4A0065

 FFD1FF


 31004D

 FFE0FF

 0F0035

 00021F

 000001

 000000

 BB42D1

 BB42D1

 B82DD1

 BE57D1

 B518D1

 C16CD1

 B103D1

 C581D1

 B100D1

 C896D1

 CBABD1

 CEBFD1

 D2D4D1

 D5E9D1

 D8FED1

Harmonies

Analogous

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



326EFF



BB42D1



EB008D

Triad

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



BB42D1



A27000



0097AF

Complementary

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



BB42D1



58D142

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.



009565



BB42D1



5E8500

Square

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



BB42D1



D44C00



00900C



0093EC

Rectangle

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



BB42D1



F2005E



00900C



009697

Sweetspot

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



BB42D1



F7C9FF



425AD1



7B6080



000000



808080

Same Dimension

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



BB42D1



DF2EFF



D142A1



675E69



8E00A8



230029

Inverse Universe

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



D14258



FF2E4E



42D172



695E60



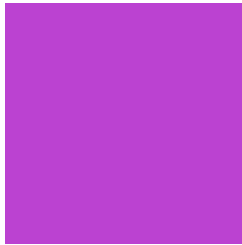
A8001A



290006

Previews

White Background



This preview shows how the Hex color BB42D1 looks on a white background.

Color Contrast Check

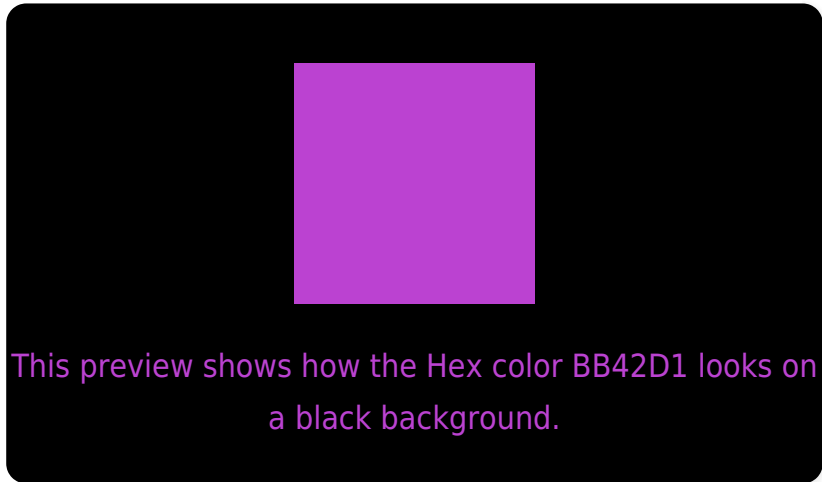
Large Text (above 18pt) WCAG AA ✓ Pass

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

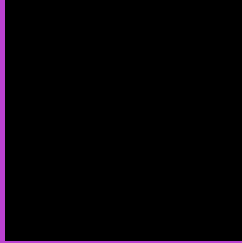
Any Text WCAG AA ✓ Pass

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 BB42D1 Background



This preview shows how black text looks on a background with the Hex color BB42D1.

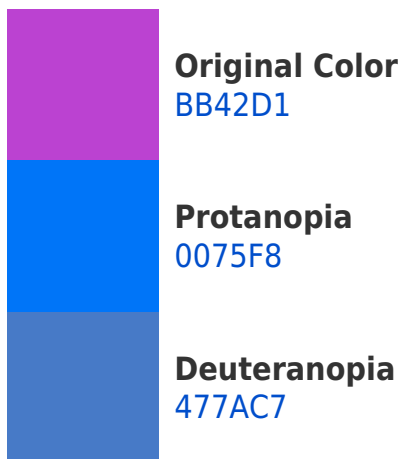


This preview shows how white text looks on a background with the Hex color BB42D1.

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
AE636B

Trichromacy



Original Color
BB42D1



Protanomaly
4462EA



Deuteranomaly
7166CB



Tritanomaly
B35790

Monochromacy



Original Color
BB42D1



Achromatopsia
767676



Achromatomaly
8F6397

CSS Examples

Text

The CSS property to change the color of the text to Hex BB42D1 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 #BB42D1 looks like.

```
.text, #text, p{  
    color:#BB42D1  
}
```

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 #BB42D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB42D1
}
```

Border

The CSS property to change the border of an element to Hex BB42D1 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
#BB42D1 }
```

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

```
.border{ border-color:#BB42D1 }
```

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

Here you see how a box with a 4 pixel #BB42D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB42D1; -webkit-box-shadow:4px 4px  
4px 4px #BB42D1; box-shadow:4px 4px 4px  
4px #BB42D1 }
```

Background

The CSS property to change the background color of an element to Hex BB42D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB42D1 }
```

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

```
.background{ background-color:#BB42D1 }
```

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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