

Converting Colors

Hex(BB2AD5)

Have a look what the booklet for
Hex(BB2AD5) contains.

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Color

Hex(BB2AD5)

Conversions

Conversions Part 1

Format	Color
Hex	BB2AD5
RGB	187, 42, 213
RGB Percent	73%, 16%, 84%
CMY	0.2667, 0.8353, 0.1647
CMYK	0.12, 0.80, 0.00, 0.16
HSL	291°, 67%, 50%
HSV	291°, 80%, 84%
XYZ	33.3317, 17.0248, 64.4801
YIQ	104.8490, 31.5290, 83.9210

Conversions

Conversions Part 2

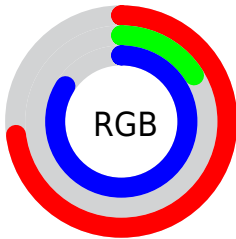
Format	Color
RYB	187, 42, 213
Decimal	12266197
CIELab	48.29, 75.48, -57.10
CIELCh	48, 94.646, 322.890
Yxy	17.0248, 0.2903, 0.1483
Android (android.graphics.Color)	4290456277 (0xFFBB2AD5)
YUV	104.8490, 53.3184, 72.0464
Hunter-Lab	41.2611, 71.9895, -63.7716

Details

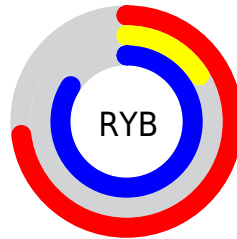
The Hex color **BB2AD5** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed purple. A complement of this color would be **44D52A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **F76AFF**, and **81009D** is the 20% darker color. If you saturate the color by 10%, you get **B815D5**, and if you desaturate by 10%, it is **BE3FD5**.

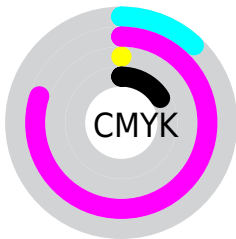
Distribution



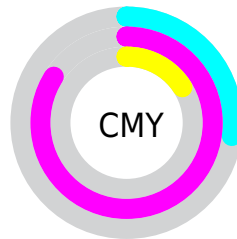
- Red (73%)
- Green (16%)
- Blue (84%)



- Red (73%)
- Yellow (16%)
- Blue (84%)



- Cyan (12%)
- Magenta (80%)
- Yellow (0%)
- Black (16%)



- Cyan (27%)
- Magenta (84%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB2AD5 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 BB2AD5 by changing the saturation by 10% instead.

 BB2AD5

 BB2AD5

FFFFFF

 9E00B9

 F76AFF

 81009D

 FF87FF

 640083

 FFA4FF

 480069

 FFC1FF

 2D0050

 FFDFFF

 050038

 FFFDFF

 000221

 000006

 000000

 BB2AD5

 BB2AD5

 B815D5

 BE3FD5

 B500D5

 C155D5

 C56AD5

 C87FD5

 CB95D5

 CEAAD5

 D2BFD5

 D5D4D5

 D8EAD5

Harmonies

Analogous

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



0067FF



BB2AD5



F00089

Triad

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



BB2AD5



9C6900



0092AF

Complementary

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



BB2AD5



44D52A

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.



00905C



BB2AD5



508000

Square

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



BB2AD5



D43C00



008B00



0090F3

Rectangle

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



BB2AD5



F70055



008B00



009295

Sweetspot

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



BB2AD5



F6C2FF



2A47D5



7A5B80



000000



808080

Same Dimension

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



BB2AD5



DA0AFF



D52A9C



69606B



9100AB



25002B

Inverse Universe

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



D52A44



FF0A2F



2AD563



6B6062



AB001A



2B0007

Previews

White Background



This preview shows how the Hex color BB2AD5 looks on a white background.

Color Contrast Check

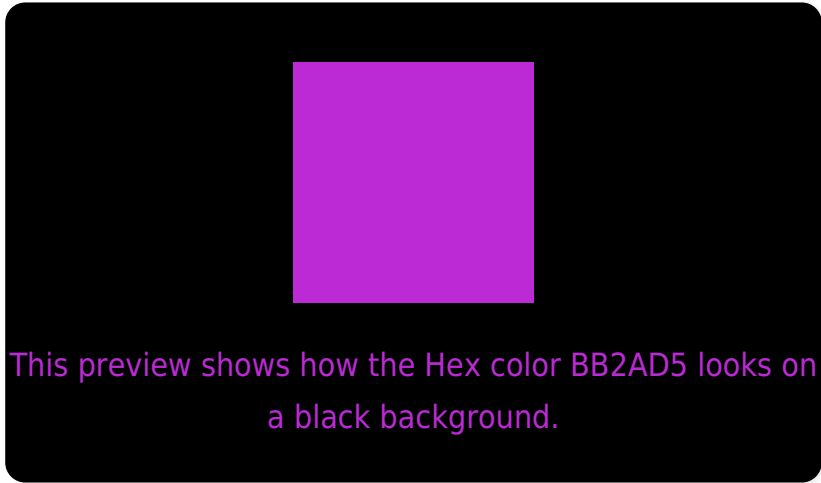
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

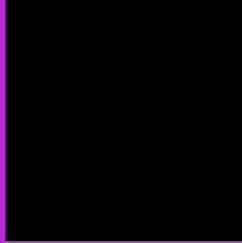
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex BB2AD5 Background



This preview shows how black text looks on a background with the Hex color BB2AD5.

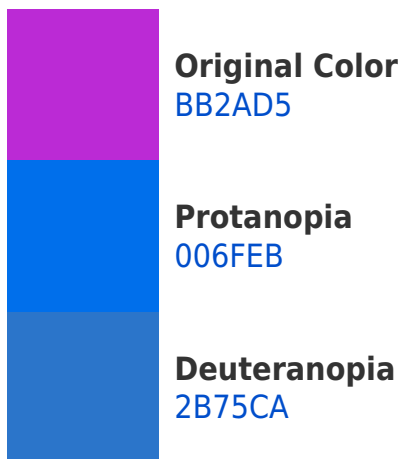


This preview shows how white text looks on a background with the Hex color BB2AD5.

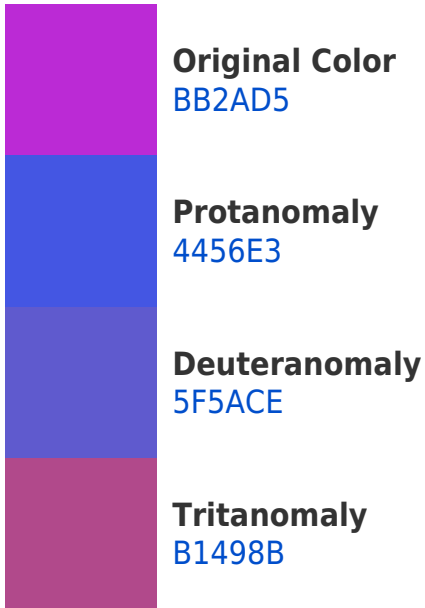
Color Blindness Simulation

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](#).

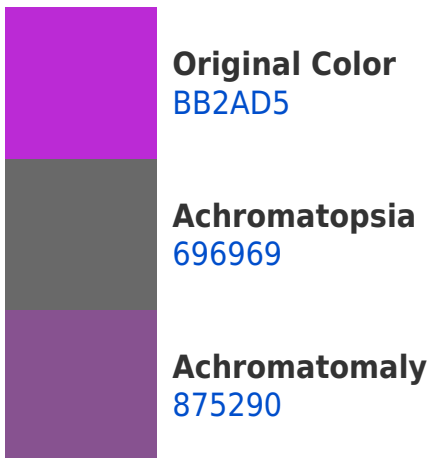
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB2AD5 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 #BB2AD5 looks like.

```
.text, #text, p{  
    color:#BB2AD5  
}
```

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 #BB2AD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB2AD5
}
```

Border

The CSS property to change the border of an element to Hex BB2AD5 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
#BB2AD5 }
```

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

```
.border{ border-color:#BB2AD5 }
```

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

Here you see how a box with a 4 pixel #BB2AD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB2AD5; -webkit-box-shadow:4px 4px  
4px 4px #BB2AD5; box-shadow:4px 4px 4px  
4px #BB2AD5 }
```

Background

The CSS property to change the background color of an element to Hex BB2AD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB2AD5 }
```

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

```
.background{ background-color:#BB2AD5 }
```

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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