

Converting Colors

Hex(BB2DD5)

Have a look what the booklet for
Hex(BB2DD5) contains.

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Color

Hex(BB2DD5)

Conversions

Conversions Part 1

Format	Color
Hex	BB2DD5
RGB	187, 45, 213
RGB Percent	73%, 18%, 84%
CMY	0.2667, 0.8235, 0.1647
CMYK	0.12, 0.79, 0.00, 0.16
HSL	291°, 67%, 51%
HSV	291°, 79%, 84%
XYZ	33.4421, 17.2457, 64.5169
YIQ	106.6100, 30.7040, 82.3520

Conversions

Conversions Part 2

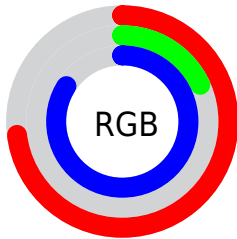
Format	Color
RYB	187, 45, 213
Decimal	12266965
CIELab	48.57, 74.67, -56.66
CIElCh	49, 93.736, 322.810
Yxy	17.2457, 0.2903, 0.1497
Android (android.graphics.Color)	4290457045 (0xFFBB2DD5)
YUV	106.6100, 52.4503, 70.5020
Hunter-Lab	41.5279, 71.0711, -63.0423

Details

The Hex color **BB2DD5** 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 **47D52D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **F76CFF**, and **81009D** is the 20% darker color. If you saturate the color by 10%, you get **B818D5**, and if you desaturate by 10%, it is **BE42D5**.

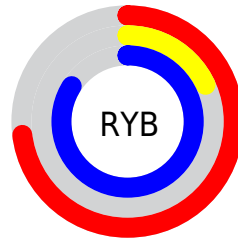
Distribution



Red (73%)

Green (18%)

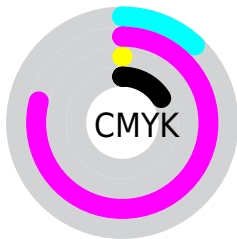
Blue (84%)



Red (73%)

Yellow (18%)

Blue (84%)

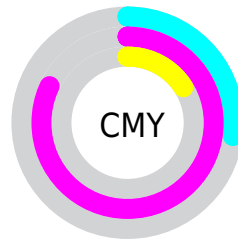


Cyan (12%)

Magenta (79%)

Yellow (0%)

Black (16%)



Cyan (27%)

Magenta (82%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB2DD5 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 BB2DD5 by changing the saturation by 10% instead.

 BB2DD5

 BB2DD5

FFFFFF

 9E00B9

 F76CFF

 81009D

 FF89FF

 640083

 FFA6FF

 480069

 FFC3FF

 2E0050

 FFE1FF

 060038

 000221

 000006

 000000

 BB2DD5

 BB2DD5

 B818D5

 BE42D5

 B402D5

 C258D5

 B400D5

 C56DD5

 C882D5

 CB98D5

 CFADD5

 D2C2D5

 D5D7D5

 D9EDD5

Harmonies

Analogous

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



0068FF



BB2DD5



F0008A

Triad

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



BB2DD5



9D6A00



0093AF

Complementary

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



BB2DD5



47D52D

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.



00915D



BB2DD5



528100

Square

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



BB2DD5



D43D00



008C00



0090F3

Rectangle

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



BB2DD5



F70056



008C00



009295

Sweetspot

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



BB2DD5



F6C2FF



2D49D5



7A5B80



000000



808080

Same Dimension

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



BB2DD5



DA0DFF



D52D9D



69606B



9000AB



25002B

Inverse Universe

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



D52D47



FF0D32



2DD565



6B6062



AB001A



2B0007

Previews

White Background



This preview shows how the Hex color BB2DD5 looks on a white background.

Color Contrast Check

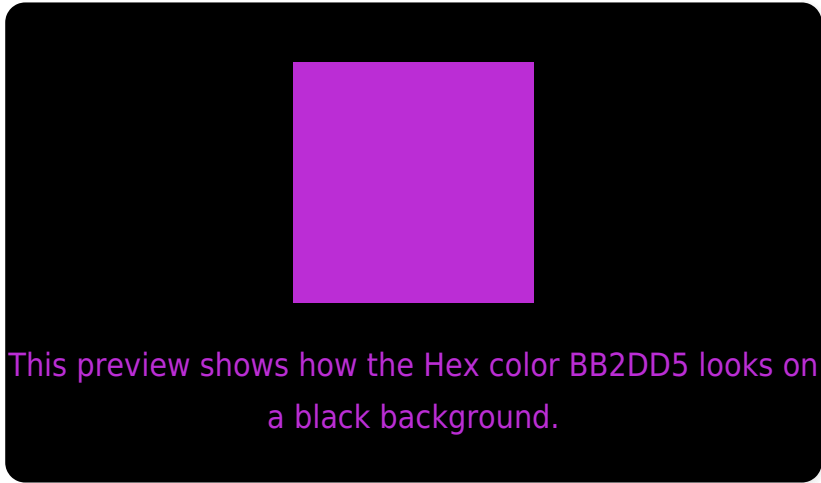
Large Text (above 18pt) WCAG AA ✓ Pass

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

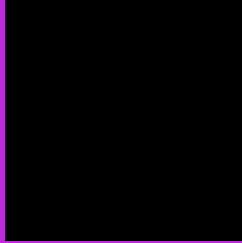
Any Text WCAG AA × Fail

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 BB2DD5 Background



This preview shows how black text looks on a background with the Hex color BB2DD5.

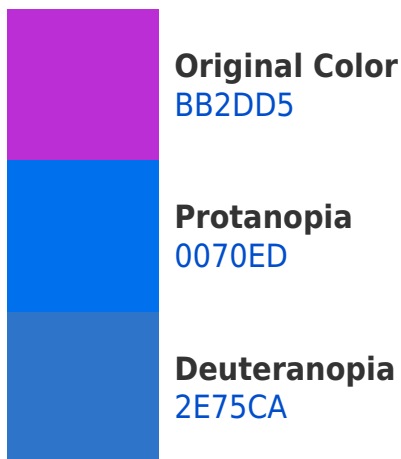


This preview shows how white text looks on a background with the Hex color BB2DD5.

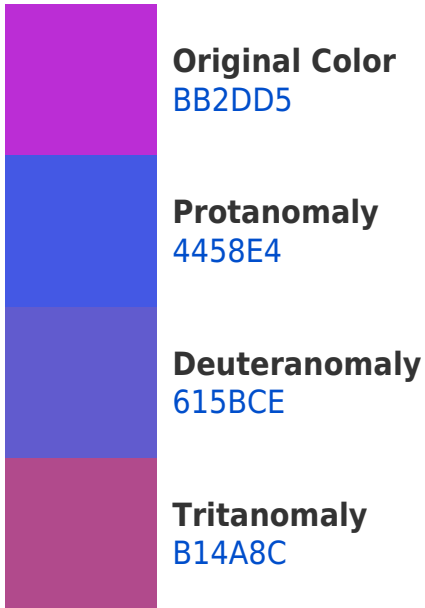
Color Blindness Simulation

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](#).

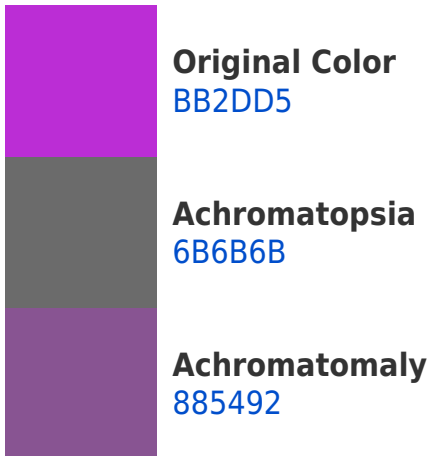
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB2DD5 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 #BB2DD5 looks like.

```
.text, #text, p{  
    color:#BB2DD5  
}
```

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 #BB2DD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB2DD5
}
```

Border

The CSS property to change the border of an element to Hex BB2DD5 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
#BB2DD5 }
```

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

```
.border{ border-color:#BB2DD5 }
```

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

Here you see how a box with a 4 pixel #BB2DD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB2DD5; -webkit-box-shadow:4px 4px  
4px 4px #BB2DD5; box-shadow:4px 4px 4px  
4px #BB2DD5 }
```

Background

The CSS property to change the background color of an element to Hex BB2DD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB2DD5 }
```

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

```
.background{ background-color:#BB2DD5 }
```

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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