

Converting Colors

Hex(B872CC)

Have a look what the booklet for
Hex(B872CC) contains.

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Color

Hex(B872CC)

Conversions

Conversions Part 1

Format	Color
Hex	B872CC
RGB	184, 114, 204
RGB Percent	72%, 45%, 80%
CMY	0.2784, 0.5529, 0.2000
CMYK	0.10, 0.44, 0.00, 0.20
HSL	287°, 47%, 62%
HSV	287°, 44%, 80%
XYZ	36.6836, 26.5846, 60.3246
YIQ	145.1900, 12.8300, 42.8300

Conversions

Conversions Part 2

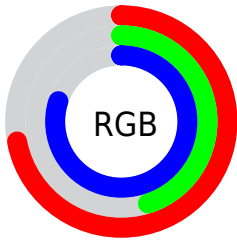
Format	Color
R _Y B	184, 114, 204
Decimal	12088012
CIE Lab	58.59, 42.54, -35.66
CIE LCh	59, 55.511, 320.024
Yxy	26.5846, 0.2968, 0.2151
Android (android.graphics.Color)	4290278092 (0xFFB872CC)
YUV	145.1900, 28.9933, 34.0364
Hunter-Lab	51.5603, 36.7669, -33.2761

Details

The Hex color **B872CC** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **86CC72**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **F1A7FF**, and **813F95** is the 20% darker color. If you saturate the color by 10%, you get **B35ECC**, and if you desaturate by 10%, it is **BD86CC**.

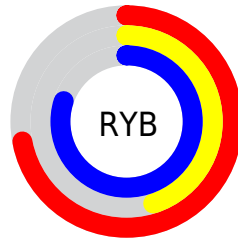
Distribution



Red (72%)

Green (45%)

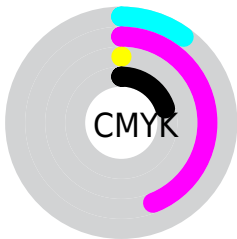
Blue (80%)



Red (72%)

Yellow (45%)

Blue (80%)

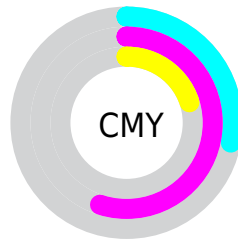


Cyan (10%)

Magenta (44%)

Yellow (0%)

Black (20%)



Cyan (28%)

Magenta (55%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B872CC 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 B872CC by changing the saturation by 10% instead.

 B872CC

 B872CC

FFFFFF

 9C58B0

 F1A7FF

 813F95

 FFC3FF

 67267B

 FFE0FF

 4D0962

 FFFDFF

 34004A

 1F0033

 00021C

 000000

 B872CC

 B872CC

 B35ECC

 BD86CC

 AF49CC

 C19BCC

 AA35CC

 C6AFCC

 A620CC

 CAC4CC

 A10CCC

 CFD8CC

 9F00CC

 D3ECCC

 D8FFCC

 DCFFCC

 E1FFCC

Harmonies

Analogous

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



7087E9



B872CC



DD629F

Triad

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



B872CC



B48526



00A4AD

Complementary

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



B872CC



86CC72

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.



00A37A



B872CC



879429

Square

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



B872CC



D67143



4C9E4B



00A1D7

Rectangle

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



B872CC



E6607E



4C9E4B



00A49C

Sweetspot

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



B872CC



F8DEFF



7287CC



7B6B80



000000



808080

Same Dimension

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



B872CC



E178FF



CC72B4



645C66



8100A6



1E0026

Inverse Universe

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



CC7286



FF7896



72CC8A



665C5E



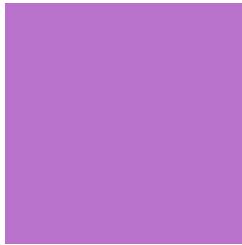
A60025



260009

Previews

White Background



This preview shows how the Hex color B872CC looks on a white background.

Color Contrast Check

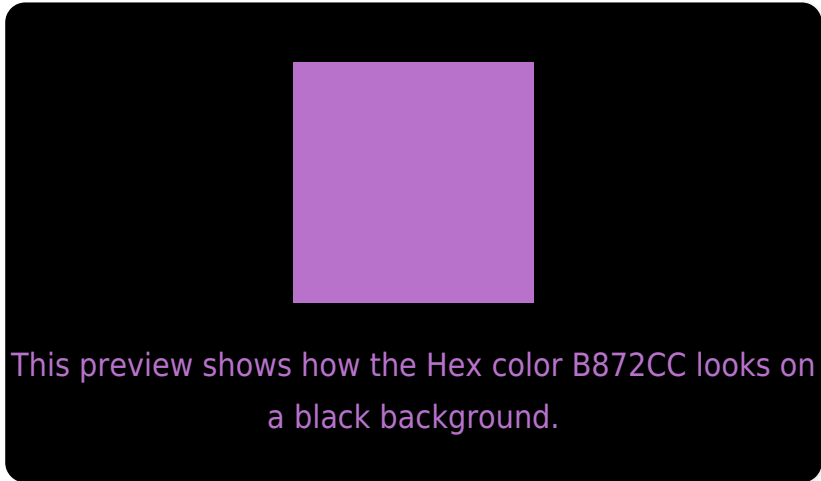
Large Text (above 18pt) WCAG AA ✓ Pass

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

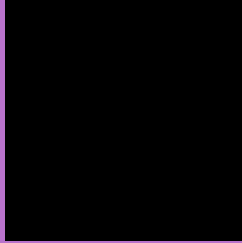
Any Text WCAG AA ✓ Pass

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 B872CC Background



This preview shows how black text looks on a background with the Hex color B872CC.

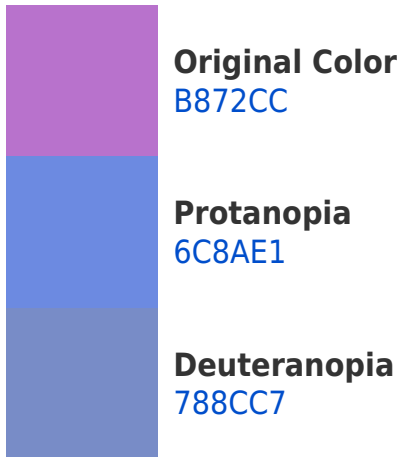


This preview shows how white text looks on a background with the Hex color B872CC.

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](#).

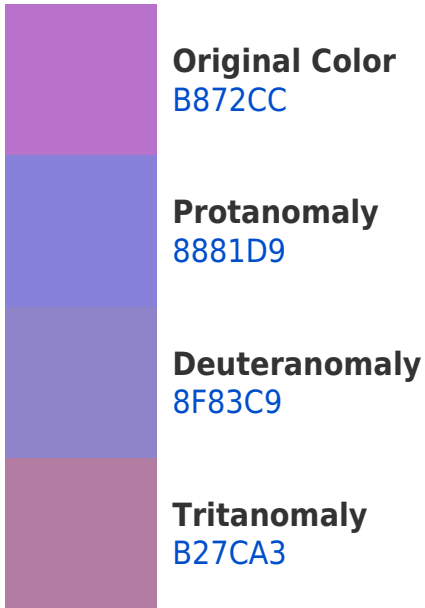
Dichromacy





Tritanopia
AF818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B872CC 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 #B872CC looks like.

```
.text, #text, p{  
    color:#B872CC  
}
```

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 #B872CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B872CC
}
```

Border

The CSS property to change the border of an element to Hex B872CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

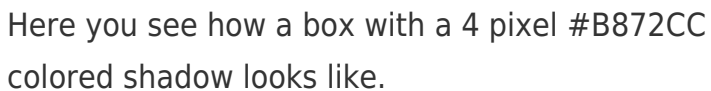
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B872CC }
```

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

```
.border{ border-color:#B872CC }
```

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



Here you see how a box with a 4 pixel #B872CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B872CC; -webkit-box-shadow:4px 4px  
4px 4px #B872CC; box-shadow:4px 4px 4px  
4px #B872CC }
```

Background

The CSS property to change the background color of an element to Hex B872CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B872CC }
```

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

```
.background{ background-color:#B872CC }
```

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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