

Converting Colors

Hex(CB82DB)

Have a look what the booklet for
Hex(CB82DB) contains.

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Color

Hex(CB82DB)

Conversions

Conversions Part 1

Format	Color
Hex	CB82DB
RGB	203, 130, 219
RGB Percent	80%, 51%, 86%
CMY	0.2039, 0.4902, 0.1412
CMYK	0.07, 0.41, 0.00, 0.14
HSL	289°, 55%, 68%
HSV	289°, 41%, 86%
XYZ	45.3974, 33.7762, 71.1446
YIQ	161.9730, 14.9390, 43.1550

Conversions

Conversions Part 2

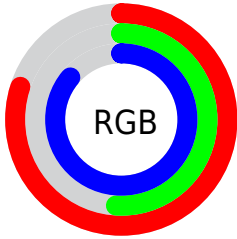
Format	Color
R_{YB}	203, 130, 219
Decimal	13337307
CIE _{Lab}	64.78, 42.63, -34.27
CIE _{LCh}	65, 54.696, 321.209
Yxy	33.7762, 0.3020, 0.2247
Android (android.graphics.Color)	4291527387 (0xFFFCB82DB)
YUV	161.9730, 28.1143, 35.9807
Hunter-Lab	58.1173, 37.7271, -31.8980

Details

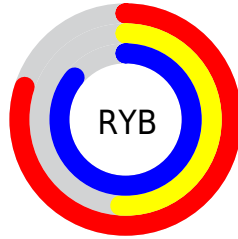
The Hex color **CB82DB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **92DB82**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB8FF**, and **934EA4** is the 20% darker color. If you saturate the color by 10%, you get **C76CDB**, and if you desaturate by 10%, it is **CF98DB**.

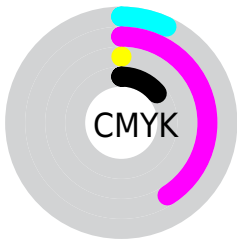
Distribution



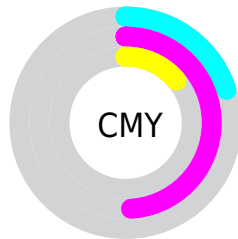
- Red (80%)
- Green (51%)
- Blue (86%)



- Red (80%)
- Yellow (51%)
- Blue (86%)



- Cyan (7%)
- Magenta (41%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (49%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB82DB 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 CB82DB by changing the saturation by 10% instead.

 CB82DB

 CB82DB

FFFFFF

 AF68BF

 FFB8FF

 934EA4

 FFD4FF

 783589

 FFF1FF

 5E1B6F

 450057

 2C003F

 120028

 000112

 000000

 CB82DB

 CB82DB

 C76CDB

 CF98DB

 C356DB

 D3AEDB

 BF40DB

 D7C4DB

 BB2ADB

 DBDADB

 B715DB

 DFF0DB

 B400DB

 E3FFDB

 E7FFDB

 EAFFDB

 EEFFDB

Harmonies

Analogous

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



8796F9



CB82DB



EF73AE

Triad

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



CB82DB



C59638



00B5BF

Complementary

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



CB82DB



92DB82

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.



00B48D



CB82DB



96A53C

Square

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



CB82DB



E78352



5BAF5D



00B1E8

Rectangle

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



CB82DB



F8728D



5BAF5D



00B5AF

Sweetspot

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



CB82DB



F9E0FF



8292DB



7C6E80



000000



808080

Same Dimension

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



CB82DB



E982FF



DB82BF



6C636E



8E00AD



26002E

Inverse Universe

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



DB8292



FF8299



82DB9E



6E6365



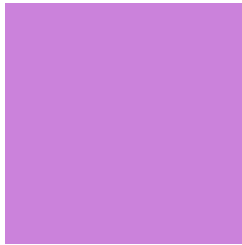
AD001F



2E0008

Previews

White Background



This preview shows how the Hex color CB82DB looks on a white background.

Color Contrast Check

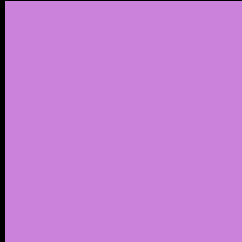
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color CB82DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

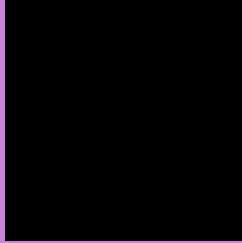
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex CB82DB Background



This preview shows how black text looks on a background with the Hex color CB82DB.

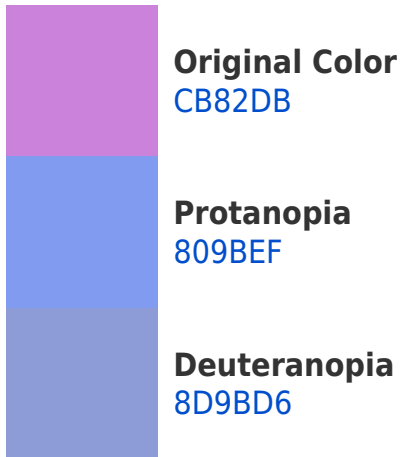


This preview shows how white text looks on a background with the Hex color CB82DB.

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
C2909B

Trichromacy



Original Color
CB82DB



Protanomaly
9B92E8



Deuteranomaly
A492D8

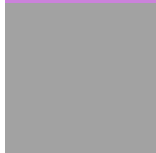


Tritanomaly
C58BB2

Monochromacy



Original Color
CB82DB



Achromatopsia
A2A2A2



Achromatomaly
B196B7

CSS Examples

Text

The CSS property to change the color of the text to Hex CB82DB 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 #CB82DB looks like.

```
.text, #text, p{  
    color:#CB82DB  
}
```

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 #CB82DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB82DB
}
```

Border

The CSS property to change the border of an element to Hex CB82DB 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
#CB82DB }
```

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

```
.border{ border-color:#CB82DB }
```

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

Here you see how a box with a 4 pixel #CB82DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB82DB; -webkit-box-shadow:4px 4px  
4px 4px #CB82DB; box-shadow:4px 4px 4px  
4px #CB82DB }
```

Background

The CSS property to change the background color of an element to Hex CB82DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB82DB }
```

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

```
.background{ background-color:#CB82DB }
```

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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