

Converting Colors

Hex(C17DB9)

Have a look what the booklet for
Hex(C17DB9) contains.

Hex(C17DB9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C17DB9)

Conversions

Conversions Part 1

Format	Color
Hex	C17DB9
RGB	193, 125, 185
RGB Percent	76%, 49%, 73%
CMY	0.2431, 0.5098, 0.2745
CMYK	0.00, 0.35, 0.04, 0.24
HSL	307°, 35%, 62%
HSV	307°, 35%, 76%
XYZ	38.0829, 29.5075, 49.5873
YIQ	152.1720, 21.2680, 33.0760

Conversions

Conversions Part 2

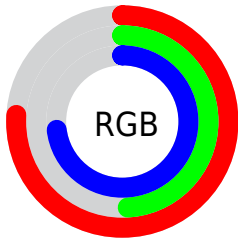
Format	Color
RYB	193, 125, 185
Decimal	12680633
CIELab	61.23, 35.74, -20.72
CIELCh	61, 41.310, 329.889
Yxy	29.5075, 0.3250, 0.2518
Android (android.graphics.Color)	4290870713 (0xFFC17DB9)
YUV	152.1720, 16.1842, 35.8062
Hunter-Lab	54.3208, 30.0804, -16.0989

Details

The Hex color **C17DB9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **7DC185**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FAB3F1**, and **8A4A84** is the 20% darker color. If you saturate the color by 10%, you get **C16AB7**, and if you desaturate by 10%, it is **C190BB**.

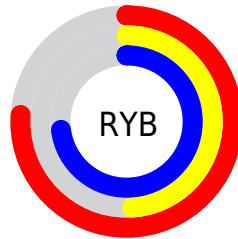
Distribution



Red (76%)

Green (49%)

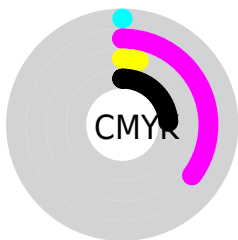
Blue (73%)



Red (76%)

Yellow (49%)

Blue (73%)

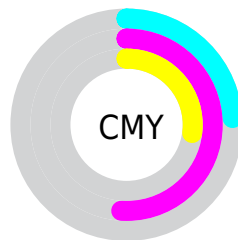


Cyan (0%)

Magenta (35%)

Yellow (4%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color C17DB9 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 C17DB9 by changing the saturation by 10% instead.

 C17DB9

 C17DB9

FFFFFF

 A5639E

 FAB3F1

 8A4A84

 FFCFFF

 70326A

 FFE8FF

 561952

 3E003B

 290025

 00010D

 000000

 C17DB9

 C17DB9

 C16AB7

 C190BB

 C156B4

 C1A4BE

 C143B2

 C1B7C0

 C130B0

 C1CAC2

 C11CAE

 C1DEC4

 C109AB

 C1F1C7

 C100AA

 C1FFC9

 C1FFCB

 C1FFCD

Harmonies

Analogous

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



968AD3



C17DB9



D77695

Triad

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



C17DB9



AA9249



00A6B7

Complementary

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



C17DB9



7DC185

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.



00A792



C17DB9



859C52

Square

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



C17DB9



C78555



57A36E



00A1D2

Rectangle

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



C17DB9



D9777D



57A36E



00A7AB

Sweetspot

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



C17DB9



FADEF7



857DC1



7D6D7B



FCFCFC



7D7D7D

Same Dimension

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



C17DB9



FA91EE



C17D97



615760



A1008E



21001D

Inverse Universe

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



C17DB9



FA91EE



7DC1A7



615760



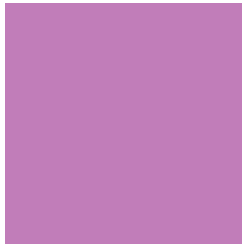
A1008E



21001D

Previews

White Background



This preview shows how the Hex color C17DB9 looks on a white background.

Color Contrast Check

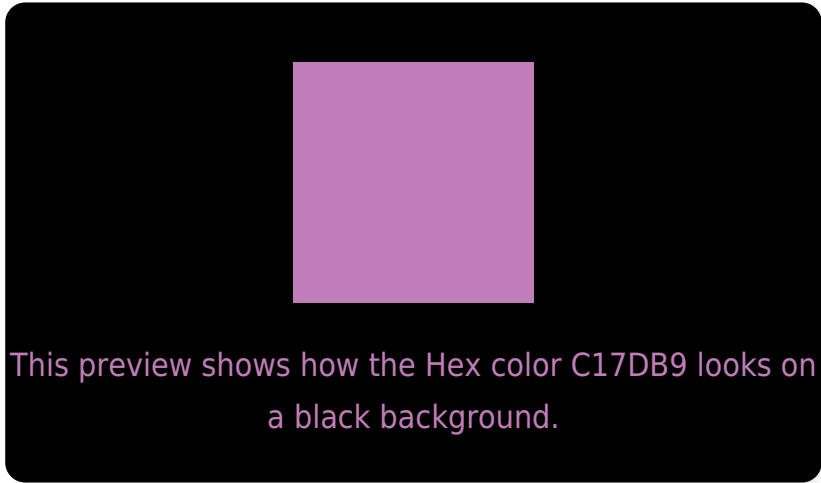
Large Text (above 18pt) WCAG AA ✓ Pass

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 C17DB9 Background



This preview shows how black text looks on a background with the Hex color C17DB9.

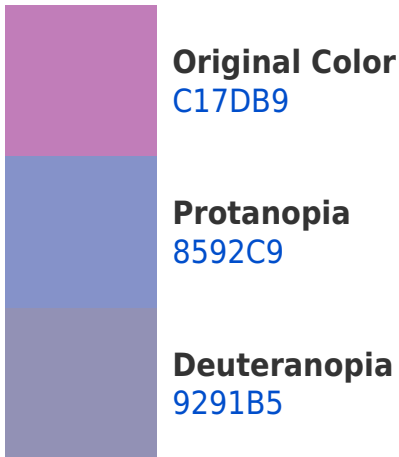



This preview shows how white text looks on a background with the Hex color C17DB9.

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
BC858F

Trichromacy



Original Color
C17DB9



Protanomaly
9B8AC3



Deuteranomaly
A38AB6

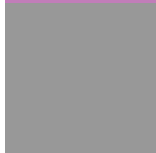


Tritanomaly
BE829E

Monochromacy



Original Color
C17DB9



Achromatopsia
989898



Achromatomaly
A78EA4

CSS Examples

Text

The CSS property to change the color of the text to Hex C17DB9 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 #C17DB9 looks like.

```
.text, #text, p{  
    color:#C17DB9  
}
```

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 #C17DB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C17DB9
}
```

Border

The CSS property to change the border of an element to Hex C17DB9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

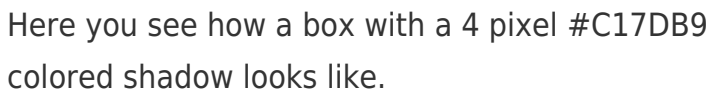
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C17DB9 }
```

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

```
.border{ border-color:#C17DB9 }
```

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



Here you see how a box with a 4 pixel `#C17DB9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C17DB9; -webkit-box-shadow:4px 4px  
4px 4px #C17DB9; box-shadow:4px 4px 4px  
4px #C17DB9 }
```

Background

The CSS property to change the background color of an element to Hex C17DB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C17DB9 }
```

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

```
.background{ background-color:#C17DB9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor