

Converting Colors

Hex(C17DB7)

Have a look what the booklet for
Hex(C17DB7) contains.

Hex(C17DB7)	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(C17DB7)

Conversions

Conversions Part 1

Format	Color
Hex	C17DB7
RGB	193, 125, 183
RGB Percent	76%, 49%, 72%
CMY	0.2431, 0.5098, 0.2824
CMYK	0.00, 0.35, 0.05, 0.24
HSL	309°, 35%, 62%
HSV	309°, 35%, 76%
XYZ	37.8732, 29.4236, 48.4829
YIQ	151.9440, 21.9100, 32.4540

Conversions

Conversions Part 2

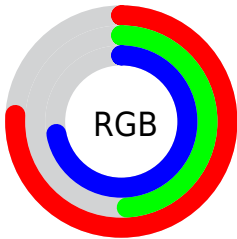
Format	Color
RYB	193, 125, 183
Decimal	12680631
CIELab	61.15, 35.37, -19.70
CIElCh	61, 40.489, 330.886
Yxy	29.4236, 0.3271, 0.2541
Android (android.graphics.Color)	4290870711 (0xFFC17DB7)
YUV	151.9440, 15.3106, 36.0061
Hunter-Lab	54.2435, 29.7037, -15.0230

Details

The Hex color **C17DB7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **7DC187**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FAB3EF**, and **8A4A82** is the 20% darker color. If you saturate the color by 10%, you get **C16AB4**, and if you desaturate by 10%, it is **C190BA**.

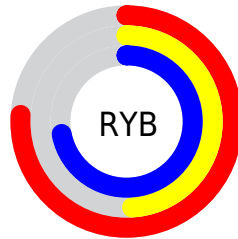
Distribution



Red (76%)

Green (49%)

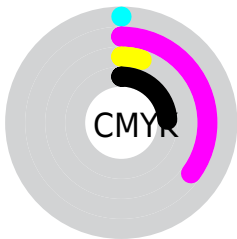
Blue (72%)



Red (76%)

Yellow (49%)

Blue (72%)

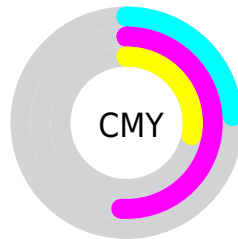


Cyan (0%)

Magenta (35%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color C17DB7 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 C17DB7 by changing the saturation by 10% instead.

 C17DB7

 C17DB7

FFFFFF

 A5639C

 FAB3EF

 8A4A82

 FFCFFF

 703269

 FFE8FF

 561950

 3E0039

 290024

 00000B

 000000

 C17DB7

 C17DB7

 C16AB4

 C190BA

 C156B1

 C1A4BD

 C143AE

 C1B7C0

 C130AC

 C1CAC2

 C11CA9

 C1DEC5

 C109A6

 C1F1C8

 C100A5

 C1FFCB

 C1FFCE

 C1FFD1

Harmonies

Analogous

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



988AD1



C17DB7



D67694

Triad

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



C17DB7



A9924B



00A5B7

Complementary

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



C17DB7



7DC187

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.



00A694



C17DB7



849C54

Square

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



C17DB7



C68556



57A36F



00A0D1

Rectangle

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



C17DB7



D8787C



57A36F



00A6AC

Sweetspot

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



C17DB7



FADEF6



867DC1



7D6D7B



FCFCFC



7D7D7D

Same Dimension

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



C17DB7



FA91EA



C17D96



61575F



A10089



21001C

Inverse Universe

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



C17DB7



FA91EA



7DC1A8



61575F



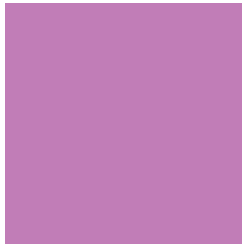
A10089



21001C

Previews

White Background



This preview shows how the Hex color C17DB7 looks on a white background.

Color Contrast Check

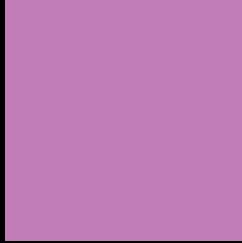
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color C17DB7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

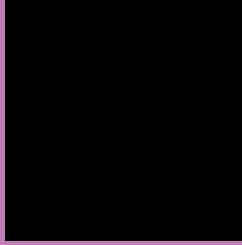
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex C17DB7 Background



This preview shows how black text looks on a background with the Hex color C17DB7.

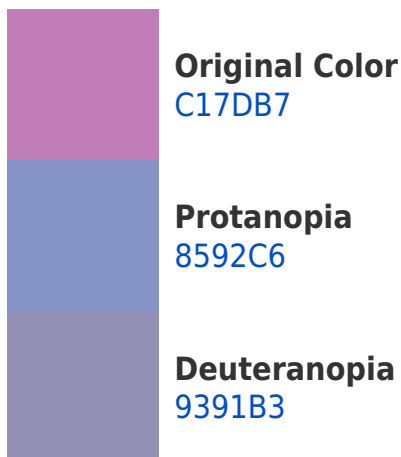


This preview shows how white text looks on a background with the Hex color C17DB7.

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](#).

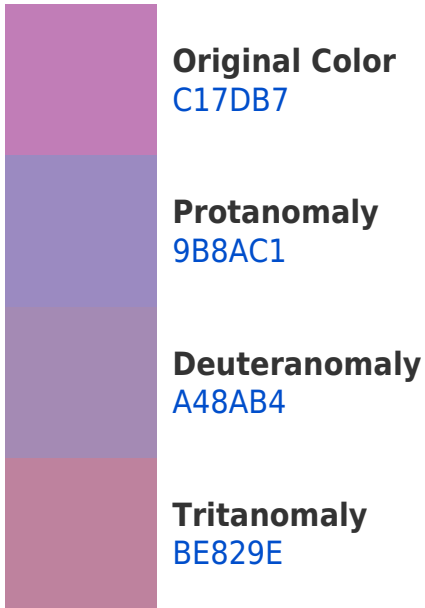
Dichromacy





Tritanopia
BC858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C17DB7 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 #C17DB7 looks like.

```
.text, #text, p{  
    color:#C17DB7  
}
```

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 #C17DB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C17DB7
}
```

Border

The CSS property to change the border of an element to Hex C17DB7 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
#C17DB7 }
```

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

```
.border{ border-color:#C17DB7 }
```

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

Here you see how a box with a 4 pixel #C17DB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C17DB7; -webkit-box-shadow:4px 4px  
4px 4px #C17DB7; box-shadow:4px 4px 4px  
4px #C17DB7 }
```

Background

The CSS property to change the background color of an element to Hex C17DB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C17DB7 }
```

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

```
.background{ background-color:#C17DB7 }
```

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