

# Converting Colors

Hex(D17BBC)

Have a look what the booklet for  
Hex(D17BBC) contains.

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# **Color**

**Hex(D17BBC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D17BBC
RGB	209, 123, 188
RGB Percent	82%, 48%, 74%
CMY	0.1804, 0.5176, 0.2627
CMYK	0.00, 0.41, 0.10, 0.18
HSL	315°, 48%, 65%
HSV	315°, 41%, 82%
XYZ	42.4546, 31.3521, 51.3909
YIQ	156.1240, 30.3910, 38.4470

# Conversions

## Conversions Part 2

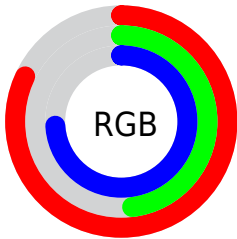
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 123, 188
Decimal	13728700
CIE <sub>Lab</sub>	62.80, 42.54, -19.85
CIE <sub>LCh</sub>	63, 46.939, 334.984
Yxy	31.3521, 0.3391, 0.2504
Android (android.graphics.Color)	4291918780 (0xFFD17BBC)
YUV	156.1240, 15.7149, 46.3723
Hunter-Lab	55.9929, 37.3534, -15.2220

# Details

The Hex color **D17BBC** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7BD190**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB1F4**, and **994787** is the 20% darker color. If you saturate the color by 10%, you get **D166B7**, and if you desaturate by 10%, it is **D190C1**.

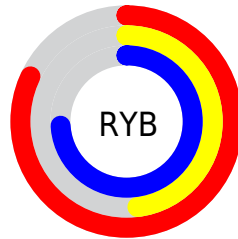
# Distribution



Red (82%)

Green (48%)

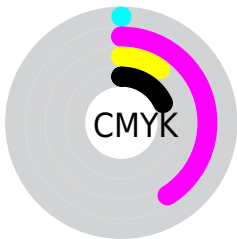
Blue (74%)



Red (82%)

Yellow (48%)

Blue (74%)

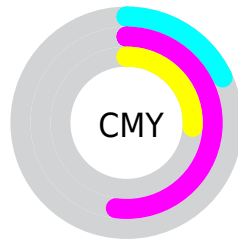


Cyan (0%)

Magenta (41%)

Yellow (10%)

Black (18%)



Cyan (18%)

Magenta (52%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D17BBC 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 D17BBC by changing the saturation by 10% instead.



 D17BBC

FFFFFF

 FFB1F4

 FFCDFE

 FFEAFF

 D17BBC

 B561A1

 994787

 7E2E6D

 631255

 4A003D

 320027

 130011

 000000

 D17BBC

 D17BBC

 D166B7

 D190C1

 D151B2

 D1A5C6

 D13CAD

 D1BACB

 D127A8

 D1CFD0

 D112A2

 D1E4D6

 D1009E

 D1F8DB

 D1FFE0

 D1FFE5

 D1FFEA

# Harmonies

## Analogous

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



A48ADC



D17BBC



E57493

# Triad

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



D17BBC



AA9842



00ACC7

# Complementary

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



D17BBC



7BD190

# 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.



00AD9E



D17BBC



7EA351

# Square

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



D17BBC



CD894C



44AA73



00A6E3

# Rectangle

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



D17BBC



E67777



44AA73



00ADBA



# Sweetspot

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



D17BBC



FFE0F8



8F7BD1



806E7B



000000



808080



# Same Dimension

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



D17BBC



FF82E0



D17B92



695E66



A8007F



29001F



# Inverse Universe

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



D17BBC



FF82E0



7BD1BA



695E66



A8007F



29001F



# Previews

## White Background



This preview shows how the Hex color D17BBC looks on a white background.

## Color Contrast Check

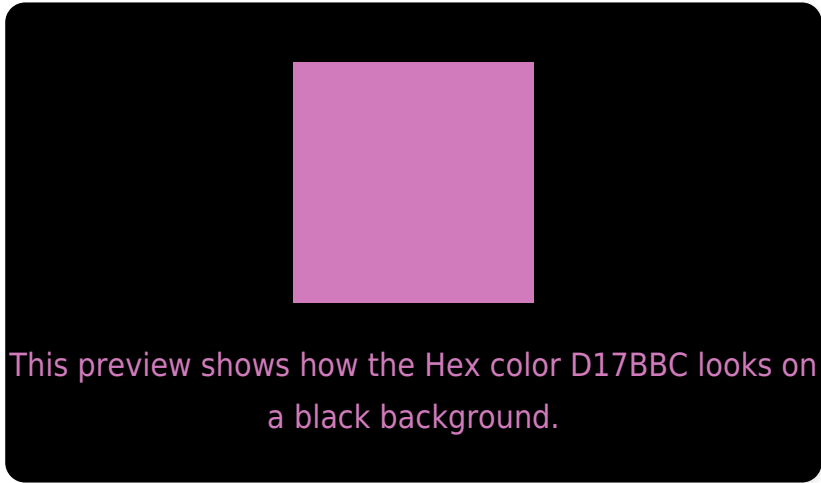
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

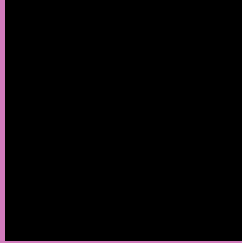
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D17BBC Background



This preview shows how black text looks on a background with the Hex color D17BBC.

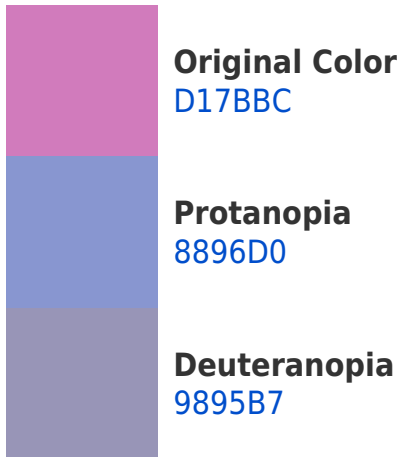


This preview shows how white text looks on a background with the Hex color D17BBC.

# 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



**Original Color**  
D17BBC



**Protanomaly**  
A38CC9



**Deuteranomaly**  
AD8CB9

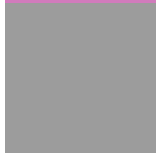


**Tritanomaly**  
CE819F

# Monochromacy



**Original Color**  
D17BBC



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
AF90A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D17BBC 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 #D17BBC looks like.

```
.text, #text, p{  
    color:#D17BBC  
}
```

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 #D17BBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D17BBC
}
```

## Border

The CSS property to change the border of an element to Hex D17BBC 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
#D17BBC }
```

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

```
.border{ border-color:#D17BBC }
```

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

Here you see how a box with a 4 pixel #D17BBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D17BBC; -webkit-box-shadow:4px 4px  
4px 4px #D17BBC; box-shadow:4px 4px 4px  
4px #D17BBC }
```

# Background

The CSS property to change the background color of an element to Hex D17BBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D17BBC }
```

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

```
.background{ background-color:#D17BBC }
```

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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