

Converting Colors

Hex(D47BBB)

Have a look what the booklet for
Hex(D47BBB) contains.

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Color

Hex(D47BBB)

Conversions

Conversions Part 1

Format	Color
Hex	D47BBB
RGB	212, 123, 187
RGB Percent	83%, 48%, 73%
CMY	0.1686, 0.5176, 0.2667
CMYK	0.00, 0.42, 0.12, 0.17
HSL	317°, 51%, 66%
HSV	317°, 42%, 83%
XYZ	43.2040, 31.7508, 50.8651
YIQ	156.9070, 32.5000, 38.7720

Conversions

Conversions Part 2

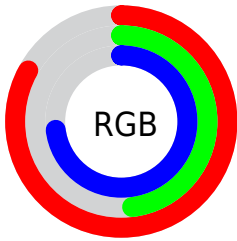
Format	Color
R_{YB}	212, 123, 187
Decimal	13925307
CIE _{Lab}	63.14, 43.34, -18.74
CIE _{LCh}	63, 47.217, 336.612
Yxy	31.7508, 0.3434, 0.2524
Android (android.graphics.Color)	4292115387 (0xFFD47BBB)
YUV	156.9070, 14.8358, 48.3166
Hunter-Lab	56.3479, 38.2537, -14.0775

Details

The Hex color **D47BBB** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7BD494**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB1F3**, and **9C4786** is the 20% darker color. If you saturate the color by 10%, you get **D466B5**, and if you desaturate by 10%, it is **D490C1**.

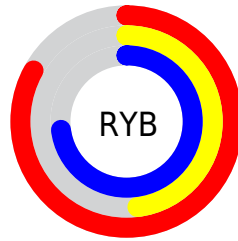
Distribution



Red (83%)

Green (48%)

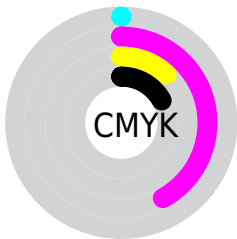
Blue (73%)



Red (83%)

Yellow (48%)

Blue (73%)

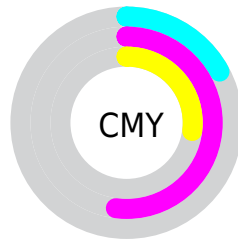


Cyan (0%)

Magenta (42%)

Yellow (12%)

Black (17%)



Cyan (17%)

Magenta (52%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47BBB 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 D47BBB by changing the saturation by 10% instead.

 D47BBB

 D47BBB

FFFFFF

 B761A0

 FFB1F3

 9C4786

 FFCDFE

 802D6C

 FFEAFF

 661154

 4C003D

 340027

 170010

 000000

 D47BBB

 D47BBB

 D466B5

 D490C1

 D451AF

 D4A5C7

 D43BA9

 D4BBCD

 D426A3

 D4D0D3

 D4119D

 D4E5D9

 D40098

 D4FADF

 D4FFE5

 D4FFEB

 D4FFF1

Harmonies

Analogous

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



A88ADC



D47BBB



E77591

Triad

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



D47BBB



A99A42



00ADCA

Complementary

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



D47BBB



7BD494

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.



00AEA1



D47BBB



7CA553

Square

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



D47BBB



CC8B4B



40AC76



00A6E5

Rectangle

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



D47BBB



E77876



40AC76



00AEBD

Sweetspot

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



D47BBB



FFDEF6



937BD4



806B7A



000000



808080

Same Dimension

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



D47BBB



FF80DB



D47B90



6B6068



AB007B



2B001F

Inverse Universe

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



D47BBB



FF80DB



7BD4BF



6B6068



AB007B



2B001F

Previews

White Background



This preview shows how the Hex color D47BBB looks on a white background.

Color Contrast Check

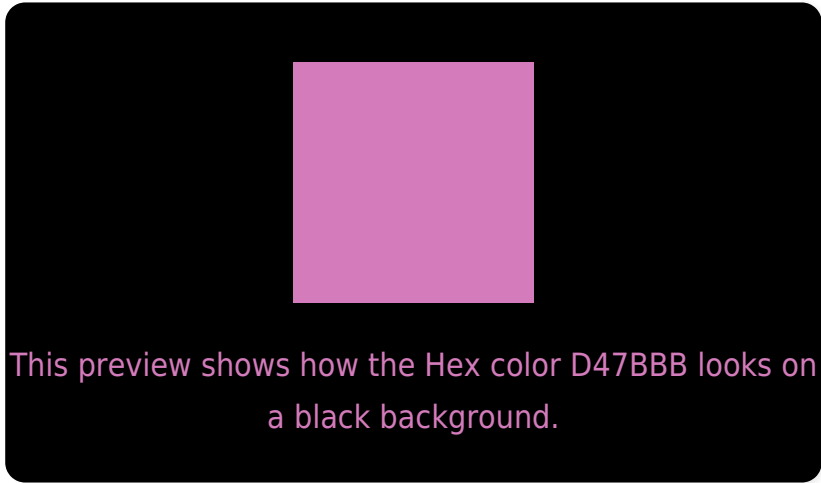
Large Text (above 18pt) WCAG AA × Fail

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

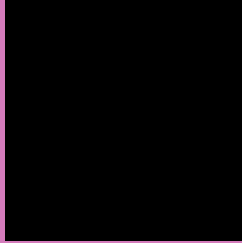
Any Text WCAG AA ✓ Pass

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 D47BBB Background



This preview shows how black text looks on a background with the Hex color D47BBB.



This preview shows how white text looks on a background with the Hex color D47BBB.

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](#).

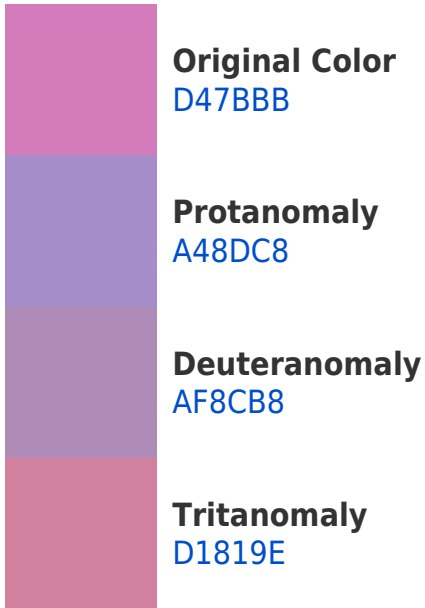
Dichromacy



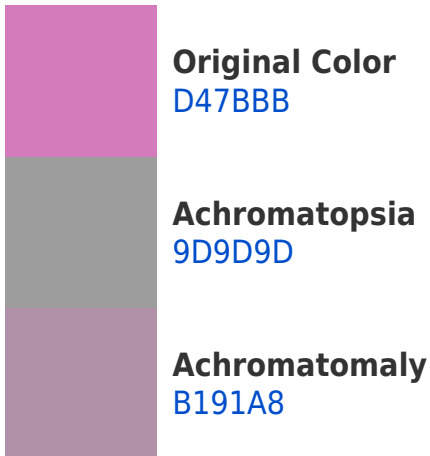


Tritanopia
CF848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D47BBB 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 #D47BBB looks like.

```
.text, #text, p{  
    color:#D47BBB  
}
```

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 #D47BBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47BBB
}
```

Border

The CSS property to change the border of an element to Hex D47BBB 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
#D47BBB }
```

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

```
.border{ border-color:#D47BBB }
```

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

Here you see how a box with a 4 pixel #D47BBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47BBB; -webkit-box-shadow:4px 4px  
4px 4px #D47BBB; box-shadow:4px 4px 4px  
4px #D47BBB }
```

Background

The CSS property to change the background color of an element to Hex D47BBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47BBB }
```

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

```
.background{ background-color:#D47BBB }
```

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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