

Converting Colors

Hex(B57DDC)

Have a look what the booklet for
Hex(B57DDC) contains.

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Color

Hex(B57DDC)

Conversions

Conversions Part 1

Format	Color
Hex	B57DDC
RGB	181, 125, 220
RGB Percent	71%, 49%, 86%
CMY	0.2902, 0.5098, 0.1373
CMYK	0.18, 0.43, 0.00, 0.14
HSL	275°, 58%, 68%
HSV	275°, 43%, 86%
XYZ	39.3079, 29.6583, 71.3630
YIQ	152.5740, 2.8810, 41.4170

Conversions

Conversions Part 2

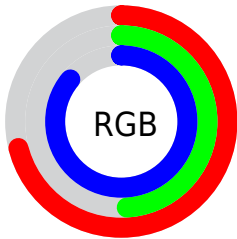
Format	Color
RYB	181, 125, 220
Decimal	11894236
CIELab	61.36, 39.08, -40.35
CIELCh	61, 56.173, 314.083
Yxy	29.6583, 0.2801, 0.2113
Android (android.graphics.Color)	4290084316 (0xFFB57DDC)
YUV	152.5740, 33.2410, 24.9296
Hunter-Lab	54.4594, 33.5344, -39.5713

Details

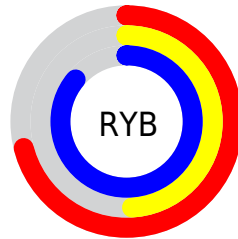
The Hex color **B57DDC** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A4DC7D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **EEB3FF**, and **7E4AA4** is the 20% darker color. If you saturate the color by 10%, you get **AC67DC**, and if you desaturate by 10%, it is **BE93DC**.

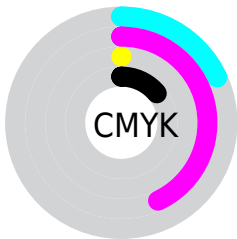
Distribution



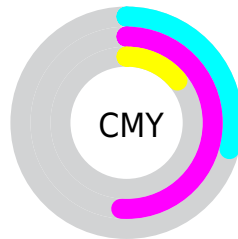
- Red (71%)
- Green (49%)
- Blue (86%)



- Red (71%)
- Yellow (49%)
- Blue (86%)



- Cyan (18%)
- Magenta (43%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (51%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color B57DDC 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 B57DDC by changing the saturation by 10% instead.

 B57DDC

 B57DDC

FFFFFF

 9963C0

 EEB3FF

 7E4AA4

 FFCFFF

 64328A

 FFE8FF

 4A1A70

 300057

 1A003F

 000128

 000112

 000000

 B57DDC

 B57DDC

 AC67DC

 BE93DC

 A351DC

 C7A9DC

 9A3BDC

 D0BFDC

 9125DC

 D9D5DC

 880FDC

 E2EBDC

 8200DC

 EBFFDC

 F4FFDC

 FDFFDC

 FFFFDC

Harmonies

Analogous

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



6392F5



B57DDC



E16BB1

Triad

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



B57DDC



C58830



00ACAB

Complementary

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



B57DDC



A4DC7D

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.



00AB77



B57DDC



99992B

Square

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



B57DDC



E47551



60A449



00AAD8

Rectangle

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



B57DDC



EE668F



60A449



00AC9A

Sweetspot

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



B57DDC



F1DEFF



7DA5DC



776B80



000000



808080

Same Dimension

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



B57DDC



C97AFF



DC7DD4



69636E



6600AD



1B002E

Inverse Universe

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



DC7DA4



FF7AB1



7DDC85



6E6367



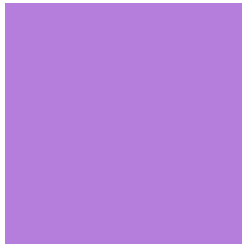
AD0047



2E0013

Previews

White Background



This preview shows how the Hex color B57DDC looks on a white background.

Color Contrast Check

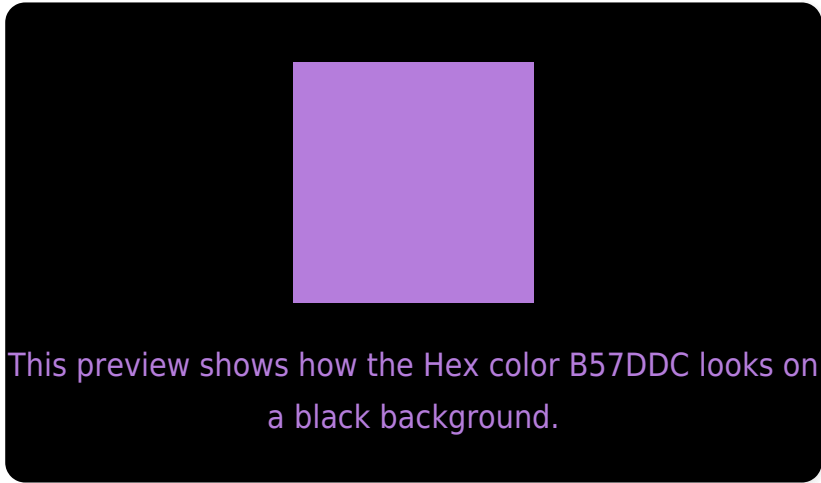
Large Text (above 18pt) WCAG AA ✓ Pass

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 B57DDC Background



This preview shows how black text looks on a background with the Hex color B57DDC.

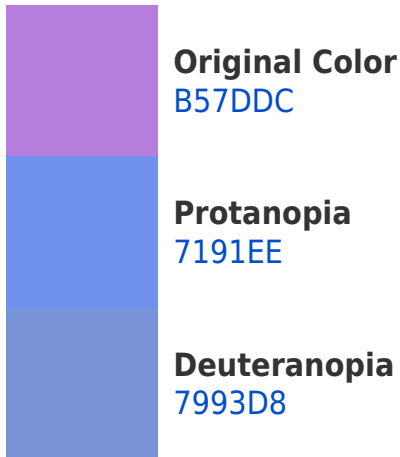


This preview shows how white text looks on a background with the Hex color B57DDC.

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
AA8C97

Trichromacy



Original Color
B57DDC



Protanomaly
8A8AE7



Deuteranomaly
8F8BD9



Tritanomaly
AE87B0

Monochromacy



Original Color
B57DDC



Achromatopsia
999999



Achromatomaly
A38FB1

CSS Examples

Text

The CSS property to change the color of the text to Hex B57DDC 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 #B57DDC looks like.

```
.text, #text, p{  
    color:#B57DDC  
}
```

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 #B57DDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B57DDC
}
```

Border

The CSS property to change the border of an element to Hex B57DDC 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".

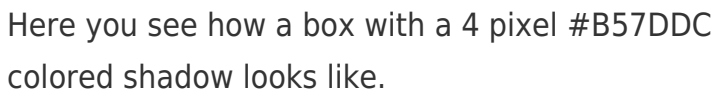
```
.border, #border, table{ border:4px solid
#B57DDC }
```

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

```
.border{ border-color:#B57DDC }
```

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

Here you see how a box with a 4 pixel #B57DDC colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right and slightly downwards from the right edge of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B57DDC; -webkit-box-shadow:4px 4px  
4px 4px #B57DDC; box-shadow:4px 4px 4px  
4px #B57DDC }
```

Background

The CSS property to change the background color of an element to Hex B57DDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B57DDC }
```

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

```
.background{ background-color:#B57DDC }
```

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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