

Converting Colors

Hex(D57BDE)

Have a look what the booklet for
Hex(D57BDE) contains.

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Color

Hex(D57BDE)

Conversions

Conversions Part 1

Format	Color
Hex	D57BDE
RGB	213, 123, 222
RGB Percent	84%, 48%, 87%
CMY	0.1647, 0.5176, 0.1294
CMYK	0.04, 0.45, 0.00, 0.13
HSL	295°, 60%, 68%
HSV	295°, 45%, 87%
XYZ	47.7083, 33.5860, 73.0755
YIQ	161.1960, 21.8610, 49.8690

Conversions

Conversions Part 2

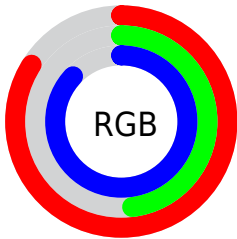
Format	Color
R_{YB}	213, 123, 222
Decimal	13990878
CIE _{Lab}	64.63, 49.81, -36.08
CIE _{LCh}	65, 61.507, 324.079
Yxy	33.5860, 0.3091, 0.2176
Android (android.graphics.Color)	4292180958 (0xFFD57BDE)
YUV	161.1960, 29.9764, 45.4321
Hunter-Lab	57.9534, 45.5261, -34.1934

Details

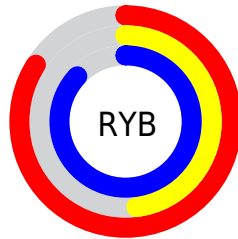
The Hex color **D57BDE** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **84DE7B**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB2FF**, and **9C46A6** is the 20% darker color. If you saturate the color by 10%, you get **D365DE**, and if you desaturate by 10%, it is **D791DE**.

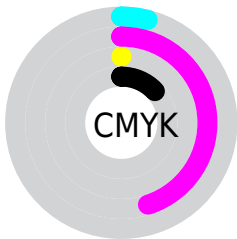
Distribution



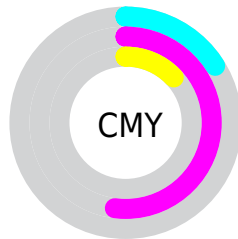
- Red (84%)
- Green (48%)
- Blue (87%)



- Red (84%)
- Yellow (48%)
- Blue (87%)



- Cyan (4%)
- Magenta (45%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (52%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color D57BDE 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 D57BDE by changing the saturation by 10% instead.

 D57BDE

 D57BDE

FFFFFF

 B860C2

 FFB2FF

 9C46A6

 FFCEFF

 812C8C

 FFE8FF

 660C72

 4C0059

 330041

 1A002A

 000114

 000000

 D57BDE

 D57BDE

 D365DE

 D791DE

 D14FDE

 D9A7DE

 CF38DE

 DBBEDE

 CD22DE

 DDD4DE

 CB0CDE

 DFEADE

 CA00DE

 E1FFDE

 E3FFDE

 E5FFDE

 E7FFDE

Harmonies

Analogous

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



8A93FF



D57BDE



FA6AAA

Triad

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



D57BDE



C39625



00B7C8

Complementary

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



D57BDE



84DE7B

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.



00B690



D57BDE



8EA72E

Square

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



D57BDE



EB8144



45B159



00B2F5

Rectangle

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



D57BDE



FF6A85



45B159



00B7B6

Sweetspot

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



D57BDE



FCDEFF



7B85DE



7E6B80



000000



808080

Same Dimension

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



D57BDE



F275FF



DE7BB6



6F6570



A000B0



2C0030

Inverse Universe

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



DE7B84



FF7582



7BDEA3



706566



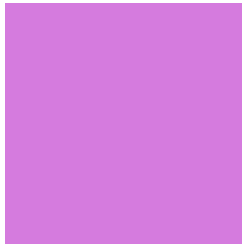
B00010



300004

Previews

White Background



This preview shows how the Hex color D57BDE looks on a white background.

Color Contrast Check

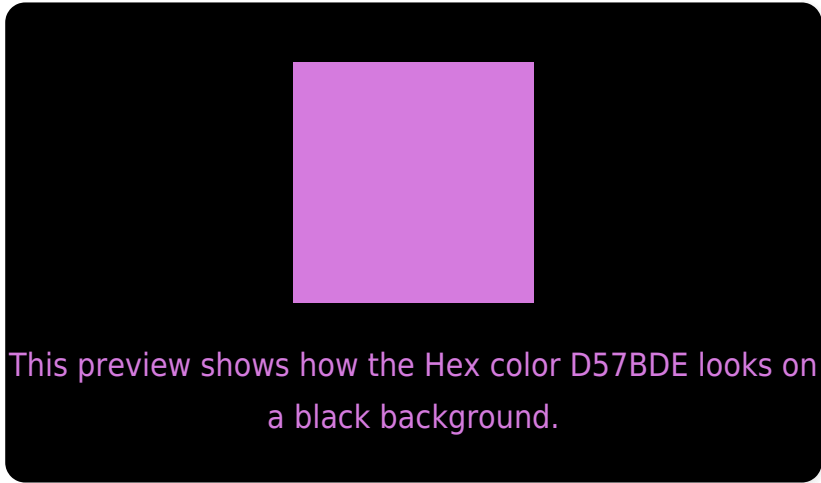
Large Text (above 18pt) WCAG AA × Fail

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

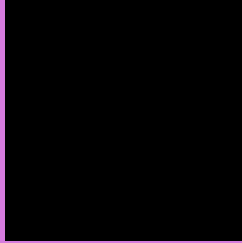
Any Text WCAG AA ✓ Pass

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 D57BDE Background



This preview shows how black text looks on a background with the Hex color D57BDE.

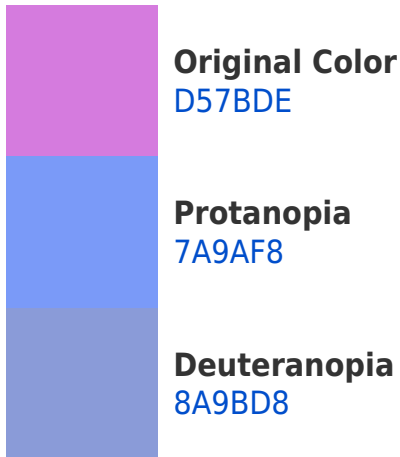


This preview shows how white text looks on a background with the Hex color D57BDE.

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](#).

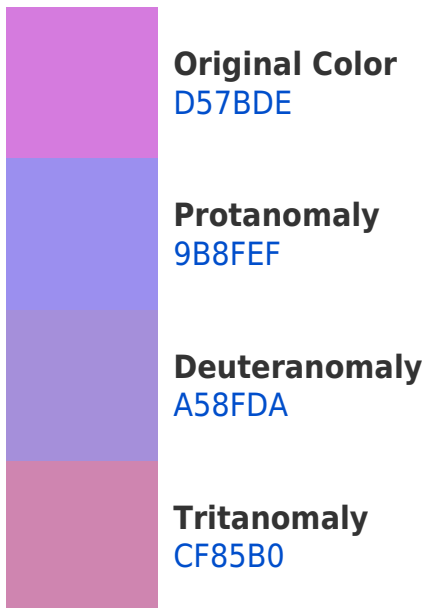
Dichromacy



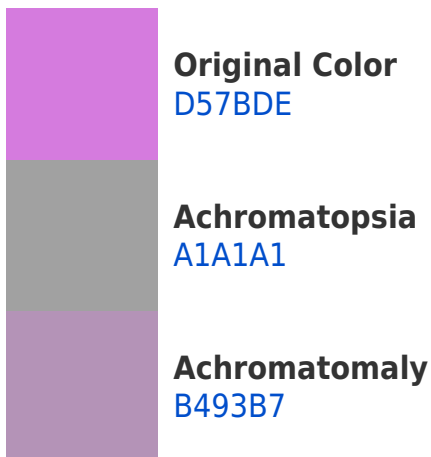


Tritanopia
CB8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D57BDE 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 #D57BDE looks like.

```
.text, #text, p{  
    color:#D57BDE  
}
```

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 #D57BDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D57BDE
}
```

Border

The CSS property to change the border of an element to Hex D57BDE 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
#D57BDE }
```

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

```
.border{ border-color:#D57BDE }
```

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

Here you see how a box with a 4 pixel #D57BDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D57BDE; -webkit-box-shadow:4px 4px  
4px 4px #D57BDE; box-shadow:4px 4px 4px  
4px #D57BDE }
```

Background

The CSS property to change the background color of an element to Hex D57BDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D57BDE }
```

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

```
.background{ background-color:#D57BDE }
```

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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