

Converting Colors

Hex(D57AC8)

Have a look what the booklet for
Hex(D57AC8) contains.

Hex(D57AC8)	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(D57AC8)

Conversions

Conversions Part 1

Format	Color
Hex	D57AC8
RGB	213, 122, 200
RGB Percent	84%, 48%, 78%
CMY	0.1647, 0.5216, 0.2157
CMYK	0.00, 0.43, 0.06, 0.16
HSL	309°, 52%, 66%
HSV	309°, 43%, 84%
XYZ	44.8254, 32.2353, 58.5031
YIQ	158.1010, 29.1980, 43.5500

Conversions

Conversions Part 2

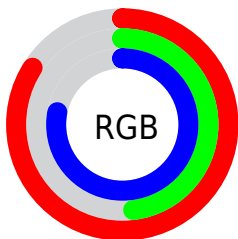
Format	Color
R_{YB}	213, 122, 200
Decimal	13990600
CIE _{Lab}	63.54, 46.36, -25.46
CIE _{LCh}	64, 52.893, 331.225
Yxy	32.2353, 0.3307, 0.2378
Android (android.graphics.Color)	4292180680 (0xFFD57AC8)
YUV	158.1010, 20.6562, 48.1464
Hunter-Lab	56.7762, 41.5695, -21.3500

Details

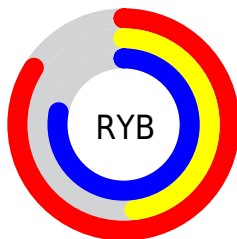
The Hex color **D57AC8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7AD587**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB0FF**, and **9D4692** is the 20% darker color. If you saturate the color by 10%, you get **D565C5**, and if you desaturate by 10%, it is **D58FCB**.

Distribution



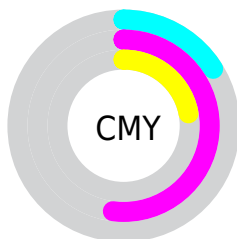
- Red (84%)
- Green (48%)
- Blue (78%)



- Red (84%)
- Yellow (48%)
- Blue (78%)



- Cyan (0%)
- Magenta (43%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (52%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color D57AC8 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 D57AC8 by changing the saturation by 10% instead.

 D57AC8

 D57AC8


FFFFFF

 B860AD

 FFB0FF

 9D4692

 FFCDFE

 812B78

 FFE9FF

 670D5F

 4D0047

 340030

 19001B

 000000

 D57AC8

 D57AC8

 D565C5

 D58FCB

 D54FC2

 D5A5CE

 D53ABF

 D5BAD1

 D525BC

 D5CFD4

 D510B9

 D5E5D7

 D500B7

 D5FADA

 D5FFDD

 D5FFE0

 D5FFE3

Harmonies

Analogous

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



9E8DEB



D57AC8



EF709A

Triad

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



D57AC8



B29836



00B0C9

Complementary

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



D57AC8



7AD587

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.



00B19A



D57AC8



82A545

Square

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



D57AC8



D88747



41AD6B



00AAEC

Rectangle

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



D57AC8



F1727A



41AD6B



00B1BB

Sweetspot

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



D57AC8



FFDEFA



867AD5



806B7D



000000



808080

Same Dimension

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



D57AC8



FF7DEC



D57A9B



6B606A



AB0092



2B0025

Inverse Universe

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



D57AC8



FF7DEC



7AD5B4



6B606A



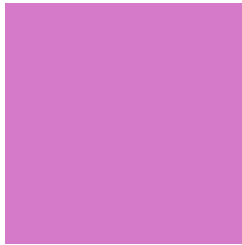
AB0092



2B0025

Previews

White Background



This preview shows how the Hex color D57AC8 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 D57AC8 Background



This preview shows how black text looks on a background with the Hex color D57AC8.

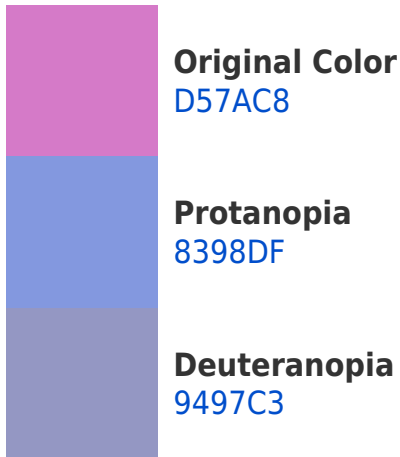


This preview shows how white text looks on a background with the Hex color D57AC8.

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](#).

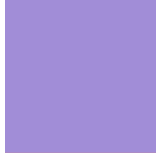
Dichromacy



Trichromacy



Original Color
D57AC8



Protanomaly
A18DD7



Deuteranomaly
AC8CC5

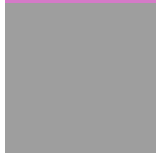


Tritanomaly
D182A4

Monochromacy



Original Color
D57AC8



Achromatopsia
9E9E9E



Achromatomaly
B291AD

CSS Examples

Text

The CSS property to change the color of the text to Hex D57AC8 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 #D57AC8 looks like.

```
.text, #text, p{  
    color:#D57AC8  
}
```

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 #D57AC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D57AC8
}
```

Border

The CSS property to change the border of an element to Hex D57AC8 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
#D57AC8 }
```

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

```
.border{ border-color:#D57AC8 }
```

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

Here you see how a box with a 4 pixel #D57AC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D57AC8; -webkit-box-shadow:4px 4px  
4px 4px #D57AC8; box-shadow:4px 4px 4px  
4px #D57AC8 }
```

Background

The CSS property to change the background color of an element to Hex D57AC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D57AC8 }
```

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

```
.background{ background-color:#D57AC8 }
```

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