

# Converting Colors

Hex(D98EA5)

Have a look what the booklet for  
Hex(D98EA5) contains.

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# **Color**

**Hex(D98EA5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D98EA5
RGB	217, 142, 165
RGB Percent	85%, 56%, 65%
CMY	0.1490, 0.4431, 0.3529
CMYK	0.00, 0.35, 0.24, 0.15
HSL	342°, 50%, 70%
HSV	342°, 35%, 85%
XYZ	45.0798, 36.8143, 40.3272
YIQ	167.0470, 37.3170, 23.0530

# Conversions

## Conversions Part 2

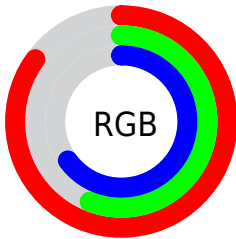
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	217, 142, 165
Decimal	14257829
CIE <sub>Lab</sub>	67.14, 31.58, -0.29
CIE <sub>LCh</sub>	67, 31.578, 359.476
Yxy	36.8143, 0.3688, 0.3012
Android (android.graphics.Color)	4292447909 (0xFFD98EA5)
YUV	167.0470, -1.0092, 43.8088
Hunter-Lab	60.6748, 26.4399, 3.0656

# Details

The Hex color **D98EA5** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **8ED9C2**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC4DC**, and **A15A71** is the 20% darker color. If you saturate the color by 10%, you get **D97896**, and if you desaturate by 10%, it is **D9A4B4**.

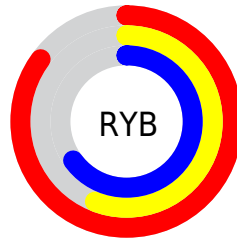
# Distribution



Red (85%)

Green (56%)

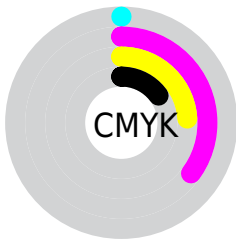
Blue (65%)



Red (85%)

Yellow (56%)

Blue (65%)

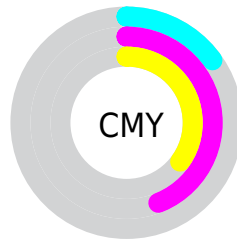


Cyan (0%)

Magenta (35%)

Yellow (24%)

Black (15%)



Cyan (15%)

Magenta (44%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D98EA5 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 D98EA5 by changing the saturation by 10% instead.



 D98EA5

 D98EA5

FFFFFF

 BC748B

 FFC4DC

 A15A71

 FFE1F8

 854259

FFFEFF

 6B2A42

 51112C

 380017

 210001

 000000

 D98EA5

 D98EA5

 D97896

 D9A4B4

 D96387

 D9B9C3

 D94D78

 D9CFD2

 D93769

 D9E5E1

 D9225A

 D9FBF0

 D90C4B

 D9FFFF

 D90043

# Harmonies

## Analogous

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



C793C1



D98EA5



DB9089

# Triad

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



D98EA5



9AAA71



53AED4

# Complementary

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



D98EA5



8ED9C2

# 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.



42B2BE



D98EA5



78B086

# Square

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



D98EA5



B7A16A



57B3A2



7CA6DC

# Rectangle

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



D98EA5



D49579



57B3A2



49B0CE



# Sweetspot

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



D98EA5



FFE6ED



C18ED9



807075



000000



808080



# Same Dimension

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



D98EA5



FF96B7



D99C8E



6E6366



AD0035



2E000E



# Inverse Universe

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



D98EA5



FF96B7



8ECBD9



6E6366



AD0035



2E000E



# Previews

## White Background



This preview shows how the Hex color D98EA5 looks on a white background.

## Color Contrast Check

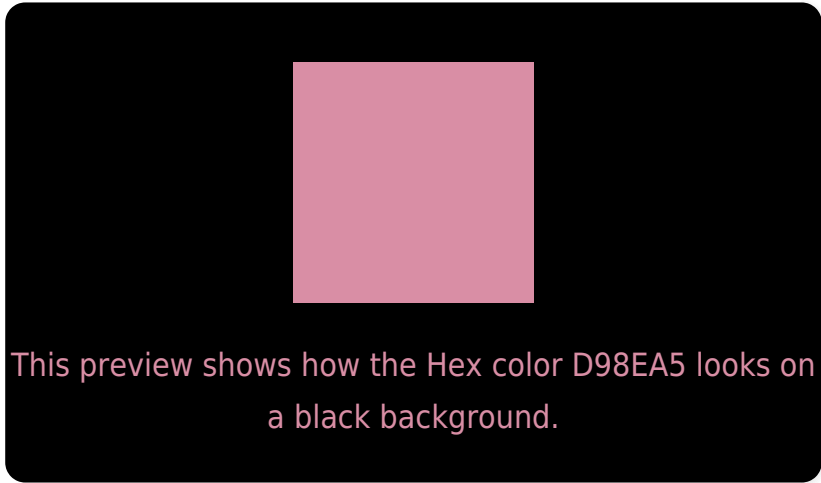
Large Text (above 18pt) WCAG AA × Fail

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 D98EA5 Background



This preview shows how black text looks on a background with the Hex color D98EA5.

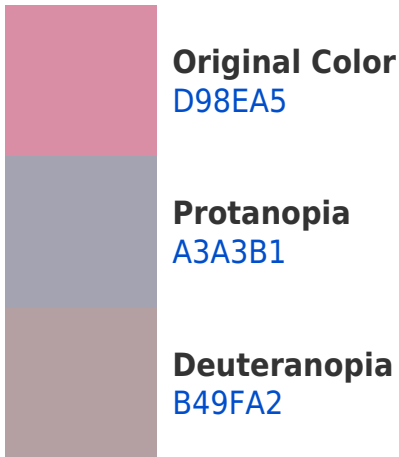


This preview shows how white text looks on a background with the Hex color D98EA5.

# 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**  
D8909B

# Trichromacy



**Original Color**  
D98EA5

**Protanomaly**  
B79BAD

**Deuteranomaly**  
C199A3

**Tritanomaly**  
D88F9F

# Monochromacy



**Original Color**  
D98EA5

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
B99EA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D98EA5 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 #D98EA5 looks like.

```
.text, #text, p{  
    color:#D98EA5  
}
```

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 #D98EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D98EA5
}
```

## Border

The CSS property to change the border of an element to Hex D98EA5 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
#D98EA5 }
```

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

```
.border{ border-color:#D98EA5 }
```

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

Here you see how a box with a 4 pixel #D98EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D98EA5; -webkit-box-shadow:4px 4px  
4px 4px #D98EA5; box-shadow:4px 4px 4px  
4px #D98EA5 }
```

# Background

The CSS property to change the background color of an element to Hex D98EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D98EA5 }
```

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

```
.background{ background-color:#D98EA5 }
```

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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