

Converting Colors

Hex(D18EA5)

Have a look what the booklet for
Hex(D18EA5) contains.

Hex(D18EA5)	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(D18EA5)

Conversions

Conversions Part 1

Format	Color
Hex	D18EA5
RGB	209, 142, 165
RGB Percent	82%, 56%, 65%
CMY	0.1804, 0.4431, 0.3529
CMYK	0.00, 0.32, 0.21, 0.18
HSL	339°, 42%, 69%
HSV	339°, 32%, 82%
XYZ	42.7590, 35.6179, 40.2186
YIQ	164.6550, 32.5490, 21.3570

Conversions

Conversions Part 2

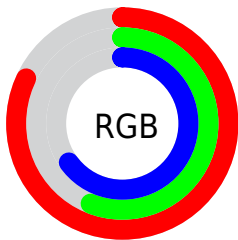
Format	Color
R_{YB}	209, 142, 165
Decimal	13733541
CIE _{Lab}	66.23, 28.69, -1.73
CIE _{LCh}	66, 28.744, 356.550
Yxy	35.6179, 0.3605, 0.3003
Android (android.graphics.Color)	4291923621 (0xFFD18EA5)
YUV	164.6550, 0.1701, 38.8906
Hunter-Lab	59.6808, 23.4473, 1.8212

Details

The Hex color **D18EA5** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **8ED1BA**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFC4DC**, and **995B71** is the 20% darker color. If you saturate the color by 10%, you get **D17997**, and if you desaturate by 10%, it is **D1A3B3**.

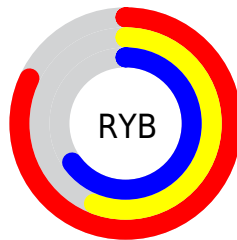
Distribution



Red (82%)

Green (56%)

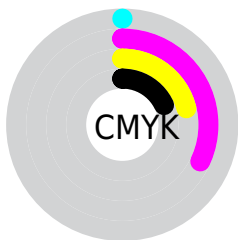
Blue (65%)



Red (82%)

Yellow (56%)

Blue (65%)

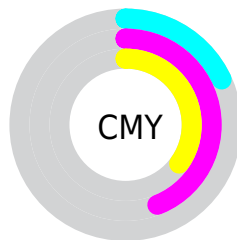


Cyan (0%)

Magenta (32%)

Yellow (21%)

Black (18%)



Cyan (18%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color D18EA5 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 D18EA5 by changing the saturation by 10% instead.

 D18EA5

 D18EA5

FFFFFF

 B5748B

 FFC4DC

 995B71

 FFE1F8

 7E4259

 FFFDFD

 642B42

 4B132C

 330017

 190001

 000000

 D18EA5

 D18EA5

 D17997

 D1A3B3

 D1648A

 D1B8C0

 D14F7C

 D1CDCE

 D13A6E

 D1E2DC

 D12560

 D1F7EA

 D11153

 D1FFF7

 D10048

 D1FFFF

Harmonies

Analogous

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



BF93BE



D18EA5



D48F8B

Triad

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



D18EA5



9BA672



59ABCB

Complementary

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



D18EA5



8ED1BA

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.



4EAFB7



D18EA5



7DAC84

Square

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



D18EA5



B69E6E



60AF9D



7BA4D4

Rectangle

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



D18EA5



CF937D



60AF9D



52ADC6

Sweetspot

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



D18EA5



FFE6EE



BA8ED1



807075



000000



808080

Same Dimension

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



D18EA5



FF9EBF



D1988E



695E62



A8003A



29000E

Inverse Universe

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



D18EA5



FF9EBF



8EC7D1



695E62



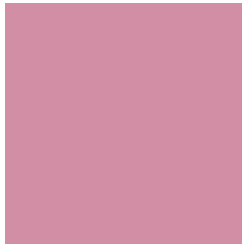
A8003A



29000E

Previews

White Background



This preview shows how the Hex color D18EA5 looks on a white background.

Color Contrast Check

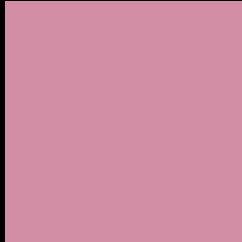
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color D18EA5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

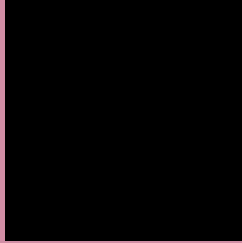
Any Text WCAG AA ✓ Pass

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 D18EA5 Background



This preview shows how black text looks on a background with the Hex color D18EA5.

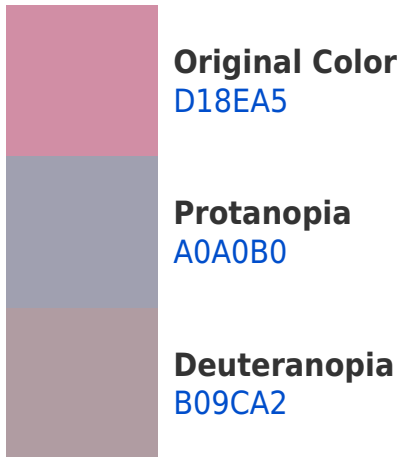


This preview shows how white text looks on a background with the Hex color D18EA5.

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](#).

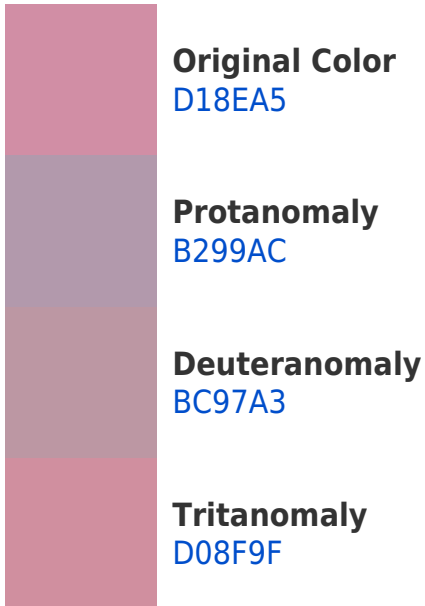
Dichromacy



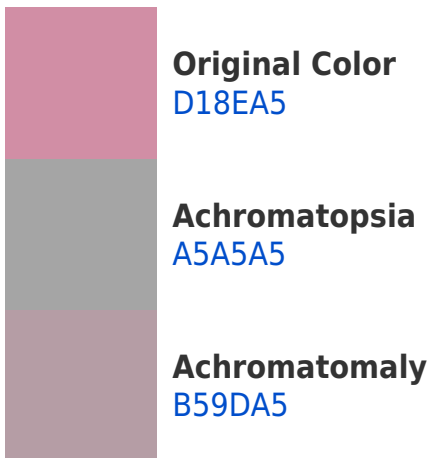


Tritanopia
D0909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D18EA5 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 #D18EA5 looks like.

```
.text, #text, p{  
  color:#D18EA5  
}
```

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 #D18EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D18EA5
}
```

Border

The CSS property to change the border of an element to Hex D18EA5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

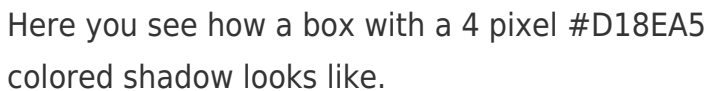
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D18EA5 }
```

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

```
.border{ border-color:#D18EA5 }
```

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



Here you see how a box with a 4 pixel #D18EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D18EA5; -webkit-box-shadow:4px 4px  
4px 4px #D18EA5; box-shadow:4px 4px 4px  
4px #D18EA5 }
```

Background

The CSS property to change the background color of an element to Hex D18EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D18EA5 }
```

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

```
.background{ background-color:#D18EA5 }
```

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