

# Converting Colors

Hex(D59D8B)

Have a look what the booklet for  
Hex(D59D8B) contains.

<b>Hex(D59D8B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D59D8B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D59D8B
RGB	213, 157, 139
RGB Percent	84%, 62%, 55%
CMY	0.1647, 0.3843, 0.4549
CMYK	0.00, 0.26, 0.35, 0.16
HSL	15°, 47%, 69%
HSV	15°, 35%, 84%
XYZ	44.1577, 40.1242, 29.8435
YIQ	171.6920, 39.1540, 6.2740

# Conversions

## Conversions Part 2

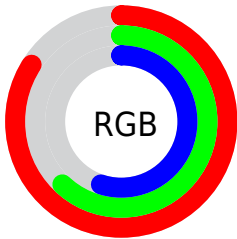
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 163, 139
Decimal	13999499
CIE Lab	69.56, 18.47, 17.60
CIE LCh	70, 25.510, 43.620
Yxy	40.1242, 0.3869, 0.3516
Android (android.graphics.Color)	4292189579 (0xFFD59D8B)
YUV	171.6920, -16.1172, 36.2271
Hunter-Lab	63.3436, 13.5835, 16.4069

# Details

The Hex color **D59D8B** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **8BC3D5**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD4C1**, and **9D6959** is the 20% darker color. If you saturate the color by 10%, you get **D58D76**, and if you desaturate by 10%, it is **D5ADA0**.

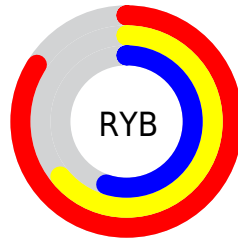
# Distribution



Red (84%)

Green (62%)

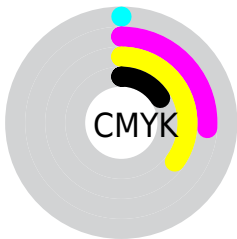
Blue (55%)



Red (84%)

Yellow (64%)

Blue (55%)

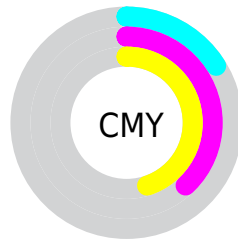


Cyan (0%)

Magenta (26%)

Yellow (35%)

Black (16%)



Cyan (16%)

Magenta (38%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D59D8B 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 D59D8B by changing the saturation by 10% instead.



 D59D8B

FFFFFF

 FFD4C1

 FFF0DC

 FFFFF9

 D59D8B

 B98371

 9D6959

 825141

 673A2B

 4D2316

 350E00

 1E0001

 000000

 D59D8B

 D59D8B

 D58D76

 D5ADA0

 D57D60

 D5BDB6

 D56D4B

 D5CDCB

 D55D36

 D5DDE0

 D54C21

 D5EEF5

 D53C0B

 D5FEFF

 D53400

 D5FFFF

# Harmonies

## Analogous

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



D999A0



D59D8B



C6A47E

# Triad

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



D59D8B



7CB69C



9CA8D7

# Complementary

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



D59D8B



8BC3D5

# 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.



7CB0D6



D59D8B



69B7B4

# Square

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



D59D8B



96B288



68B5C9



BBA0CB

# Rectangle

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



D59D8B



B8A97C



68B5C9



91ABD8

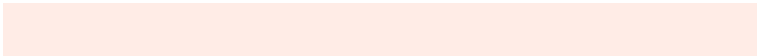


# Sweetspot

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



D59D8B



FFECE6



D58BC4



807470



000000



808080



# Same Dimension

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



D59D8B



FFAE94



D5C18B



6B6360



AB2A00



2B0B00

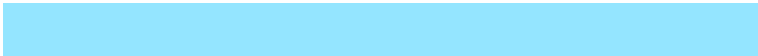


# Inverse Universe

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



8BC3D5



94E5FF



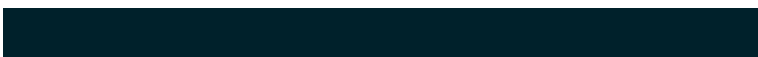
8B9FD5



60686B



0081AB



00212B



# Previews

## White Background



This preview shows how the Hex color D59D8B looks on a white background.

## Color Contrast Check

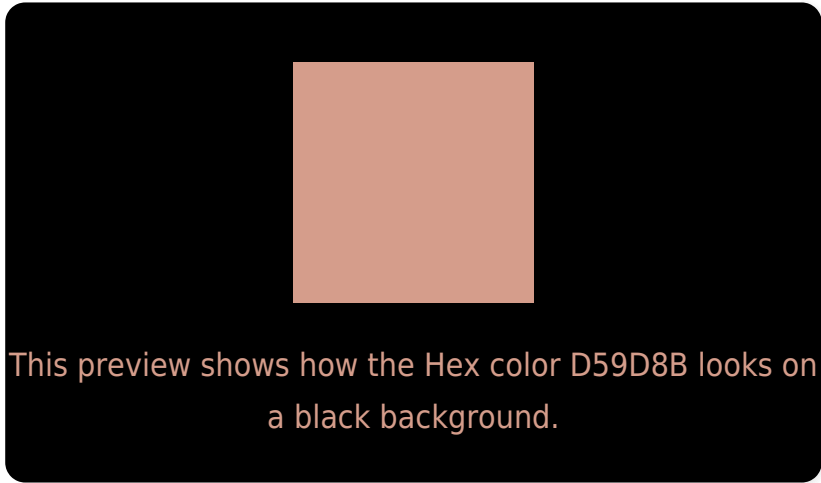
Large Text (above 18pt) WCAG AA × Fail

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

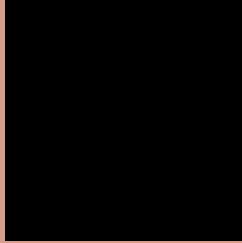
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D59D8B Background



This preview shows how black text looks on a background with the Hex color D59D8B.

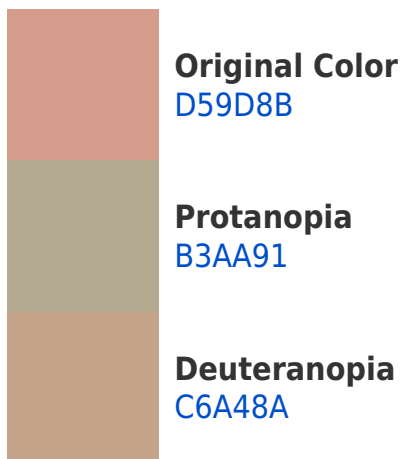


This preview shows how white text looks on a background with the Hex color D59D8B.

# 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**  
D899A5

# Trichromacy



**Original Color**  
D59D8B

**Protanomaly**  
BFA58F

**Deuteranomaly**  
CBA18A

**Tritanomaly**  
D79A9C

# Monochromacy



**Original Color**  
D59D8B

**Achromatopsia**  
ACACAC

**Achromatomaly**  
BBA7A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D59D8B 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 #D59D8B looks like.

```
.text, #text, p{  
    color:#D59D8B  
}
```

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 #D59D8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D59D8B
}
```

## Border

The CSS property to change the border of an element to Hex D59D8B 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
#D59D8B }
```

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

```
.border{ border-color:#D59D8B }
```

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

Here you see how a box with a 4 pixel #D59D8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D59D8B; -webkit-box-shadow:4px 4px  
4px 4px #D59D8B; box-shadow:4px 4px 4px  
4px #D59D8B }
```

# Background

The CSS property to change the background color of an element to Hex D59D8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D59D8B }
```

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

```
.background{ background-color:#D59D8B }
```

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