

Converting Colors

Hex(D99A8E)

Have a look what the booklet for
Hex(D99A8E) contains.

Hex(D99A8E)	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(D99A8E)

Conversions

Conversions Part 1

Format	Color
Hex	D99A8E
RGB	217, 154, 142
RGB Percent	85%, 60%, 56%
CMY	0.1490, 0.3961, 0.4431
CMYK	0.00, 0.29, 0.35, 0.15
HSL	10°, 50%, 70%
HSV	10°, 35%, 85%
XYZ	45.0534, 39.8159, 30.9019
YIQ	171.4690, 41.4000, 9.6240

Conversions

Conversions Part 2

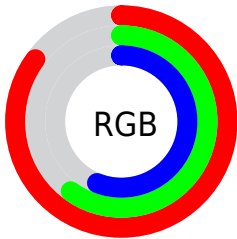
Format	Color
R _Y B	217, 156, 142
Decimal	14260878
CIE Lab	69.34, 22.01, 15.70
CIE LCh	69, 27.041, 35.498
Yxy	39.8159, 0.3892, 0.3439
Android (android.graphics.Color)	4292450958 (0xFFD99A8E)
YUV	171.4690, -14.5282, 39.9307
Hunter-Lab	63.0998, 17.0244, 15.1338

Details

The Hex color **D99A8E** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **8ECDD9**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD1C4**, and **A0665C** is the 20% darker color. If you saturate the color by 10%, you get **D98878**, and if you desaturate by 10%, it is **D9ACA4**.

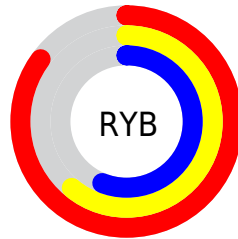
Distribution



Red (85%)

Green (60%)

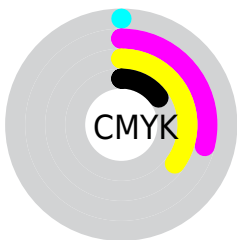
Blue (56%)



Red (85%)

Yellow (61%)

Blue (56%)

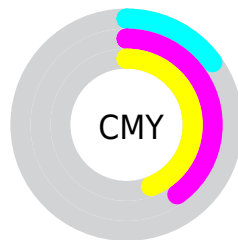


Cyan (0%)

Magenta (29%)

Yellow (35%)

Black (15%)



Cyan (15%)

Magenta (40%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color D99A8E 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 D99A8E by changing the saturation by 10% instead.

 D99A8E

 D99A8E

FFFFFF

 BC8074

 FFD1C4

 A0665C

 FFEDE0

 854E44

FFFFFFC

 6A372E

 502019

 380A00

 210001

 000000

 D99A8E

 D99A8E

 D98878

 D9ACA4

 D97663

 D9BEB9

 D9634D

 D9D1CF

 D95137

 D9E3E5

 D93F22

 D9F5FB

 D92D0C

 D9FFFF

 D92300

Harmonies

Analogous

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



DA97A6



D99A8E



CCA17D

Triad

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



D99A8E



7FB594



91AADA

Complementary

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



D99A8E



8ECDD9

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.



70B1D5



D99A8E



67B7AD

Square

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



D99A8E



9CB081



5FB6C5



B3A1D1

Rectangle

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



D99A8E



BEA679



5FB6C5



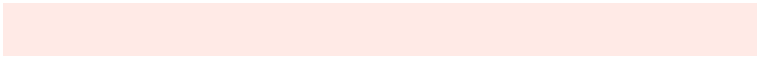
85ADDA

Sweetspot

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



D99A8E



FFEAE6



D98ECE



807370



000000



808080

Same Dimension

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



D99A8E



FFA796



D9BF8E



6E6463



AD1C00



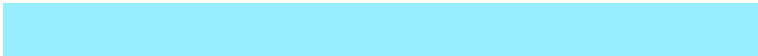
2E0700

Inverse Universe

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



8ECDD9



96EEFF



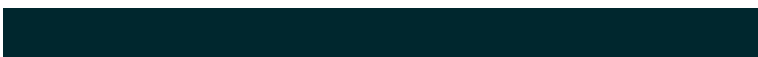
8EA8D9



636C6E



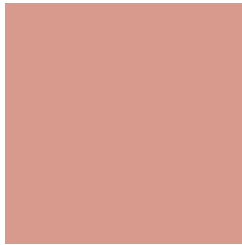
0092AD



00272E

Previews

White Background



This preview shows how the Hex color D99A8E looks on a white background.

Color Contrast Check

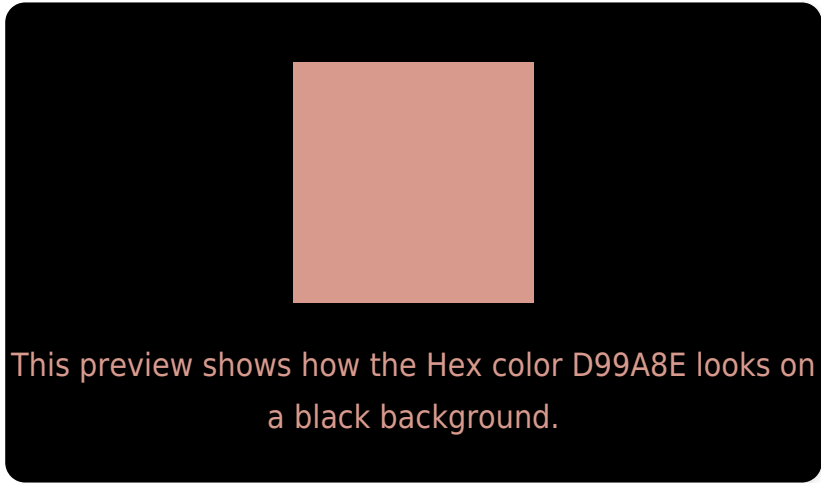
Large Text (above 18pt) WCAG AA × Fail

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

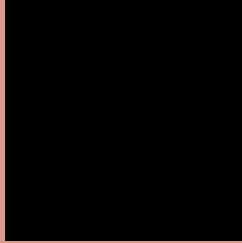
Any Text WCAG AA ✓ Pass

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 D99A8E Background



This preview shows how black text looks on a background with the Hex color D99A8E.

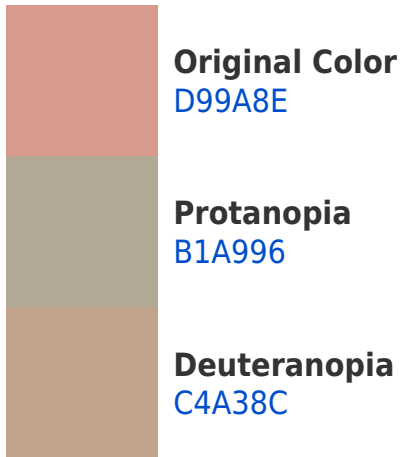



This preview shows how white text looks on a background with the Hex color D99A8E.

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](#).

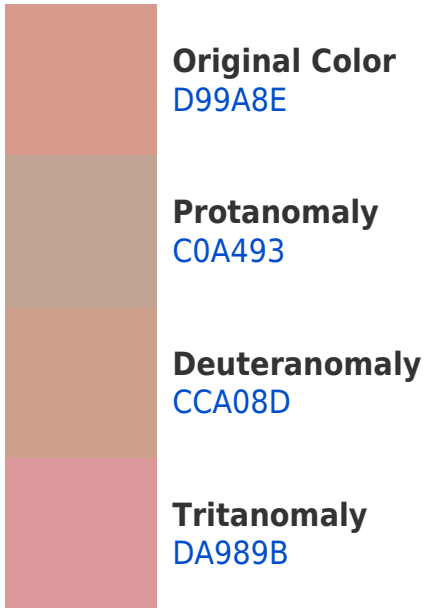
Dichromacy



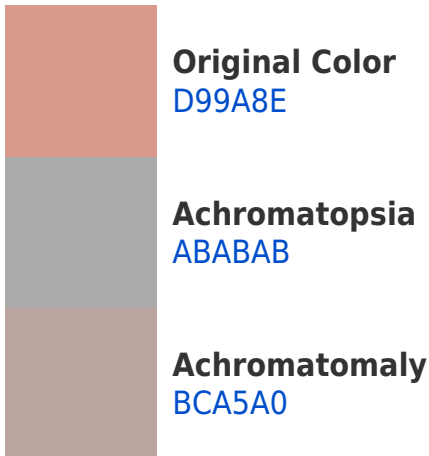


Tritanopia
DB97A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D99A8E 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 #D99A8E looks like.

```
.text, #text, p{  
    color:#D99A8E  
}
```

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 #D99A8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D99A8E
}
```

Border

The CSS property to change the border of an element to Hex D99A8E 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
#D99A8E }
```

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

```
.border{ border-color:#D99A8E }
```

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

Here you see how a box with a 4 pixel #D99A8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D99A8E; -webkit-box-shadow:4px 4px  
4px 4px #D99A8E; box-shadow:4px 4px 4px  
4px #D99A8E }
```

Background

The CSS property to change the background color of an element to Hex D99A8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D99A8E }
```

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

```
.background{ background-color:#D99A8E }
```

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