

# Converting Colors

Hex(D896A3)

Have a look what the booklet for  
Hex(D896A3) contains.

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# **Color**

**Hex(D896A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D896A3
RGB	216, 150, 163
RGB Percent	85%, 59%, 64%
CMY	0.1529, 0.4118, 0.3608
CMYK	0.00, 0.31, 0.25, 0.15
HSL	348°, 46%, 72%
HSV	348°, 31%, 85%
XYZ	45.8361, 39.0560, 39.7731
YIQ	171.2160, 35.1630, 18.0350

# Conversions

## Conversions Part 2

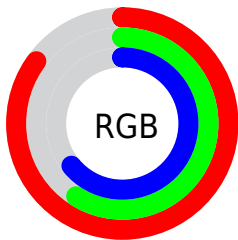
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 150, 163
Decimal	14194339
CIE Lab	68.79, 26.61, 3.22
CIE LCh	69, 26.809, 6.908
Yxy	39.0560, 0.3677, 0.3133
Android (android.graphics.Color)	4292384419 (0xFFD896A3)
YUV	171.2160, -4.0505, 39.2756
Hunter-Lab	62.4948, 21.5530, 6.0129

# Details

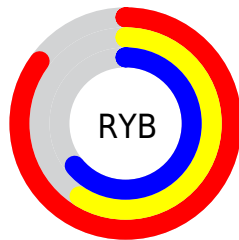
The Hex color **D896A3** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **96D8CB**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFCDDA**, and **A0626F** is the 20% darker color. If you saturate the color by 10%, you get **D88092**, and if you desaturate by 10%, it is **D8ACB4**.

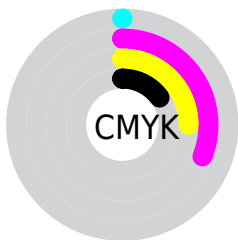
# Distribution



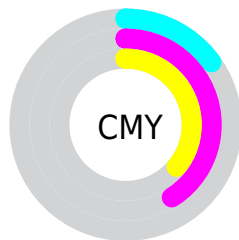
- Red (85%)
- Green (59%)
- Blue (64%)



- Red (85%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (31%)
- Yellow (25%)
- Black (15%)



- Cyan (15%)
- Magenta (41%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D896A3 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 D896A3 by changing the saturation by 10% instead.



 D896A3

 D896A3

FFFFFF

 BC7C89


 FFCDDA

 A0626F

 FFE9F6

 854A57

 6A3240

 511B2A

 380416

 230001

 000000

 D896A3

 D896A3

 D88092

 D8ACB4

 D86B80

 D8C1C6

 D8556F

 D8D7D7

 D8405E

 D8ECE8

 D82A4C

 D8FFFA

 D8143B

 D8FFFF

 D8002B

# Harmonies

## Analogous

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



CC99BB



D896A3



D7998C

# Triad

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



D896A3



99AF81



70AFD4

# Complementary

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



D896A3



96D8CB

# 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.



5EB4C4



D896A3



7DB494

# Square

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



D896A3



B4A878



66B5AD



91A8D8

# Rectangle

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



D896A3



CF9D80



66B5AD



68B1D0



# Sweetspot

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



D896A3



FFE8ED



CB96D8



807174



000000



808080



# Same Dimension

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



D896A3



FFA1B3



D8AA96



6B6062



AB0022



2B0009



# Inverse Universe

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



D896A3



FFA1B3



96C4D8



6B6062



AB0022



2B0009



# Previews

## White Background



This preview shows how the Hex color D896A3 looks on a white background.

## Color Contrast Check

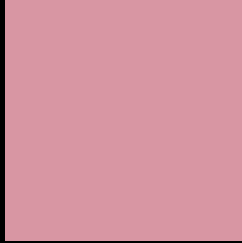
Large Text (above 18pt) WCAG AA × Fail

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 D896A3 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 D896A3 Background



This preview shows how black text looks on a background with the Hex color D896A3.

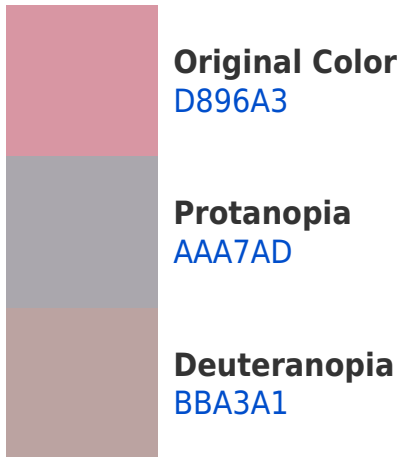


This preview shows how white text looks on a background with the Hex color D896A3.

# 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](#).

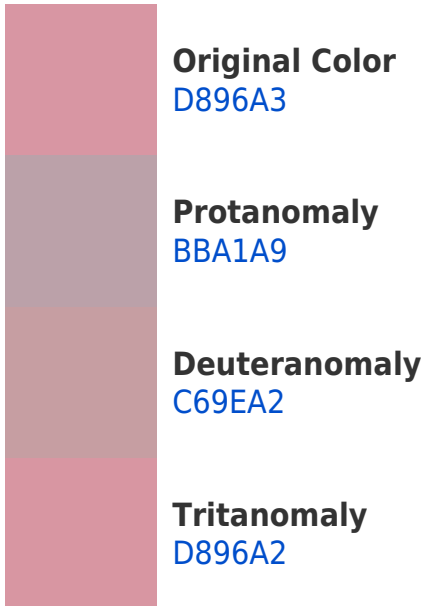
## Dichromacy



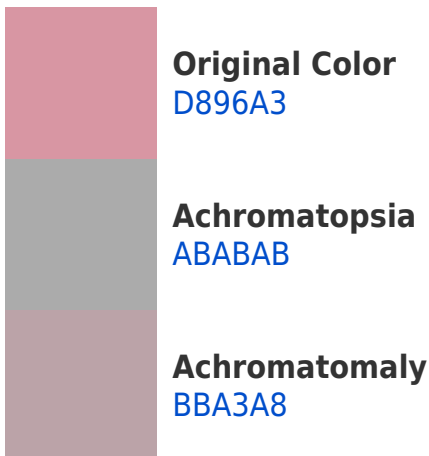


**Tritanopia**  
D896A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D896A3 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 #D896A3 looks like.

```
.text, #text, p{  
    color:#D896A3  
}
```

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 #D896A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D896A3
}
```

## Border

The CSS property to change the border of an element to Hex D896A3 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
#D896A3 }
```

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

```
.border{ border-color:#D896A3 }
```

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

Here you see how a box with a 4 pixel #D896A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D896A3; -webkit-box-shadow:4px 4px  
4px 4px #D896A3; box-shadow:4px 4px 4px  
4px #D896A3 }
```

# Background

The CSS property to change the background color of an element to Hex D896A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D896A3 }
```

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

```
.background{ background-color:#D896A3 }
```

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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