

# Converting Colors

Hex(3D8A99)

Have a look what the booklet for  
Hex(3D8A99) contains.

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# Color

**Hex(3D8A99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D8A99
RGB	61, 138, 153
RGB Percent	24%, 54%, 60%
CMY	0.7608, 0.4588, 0.4000
CMYK	0.60, 0.10, 0.00, 0.40
HSL	190°, 43%, 42%
HSV	190°, 60%, 60%
XYZ	16.7627, 21.4690, 33.3974
YIQ	116.6870, -50.7070, -11.6590

# Conversions

## Conversions Part 2

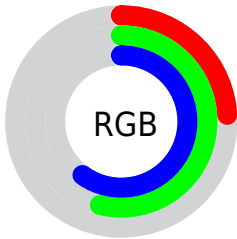
Format	Color
R <sub>Y</sub> B	61, 103, 153
Decimal	4033177
CIE Lab	53.46, -19.00, -15.12
CIE LCh	53, 24.281, 218.524
Yxy	21.4690, 0.2340, 0.2997
Android (android.graphics.Color)	4282223257 (0xFF3D8A99)
YUV	116.6870, 17.9023, -48.8375
Hunter-Lab	46.3346, -16.5087, -10.3013

# Details

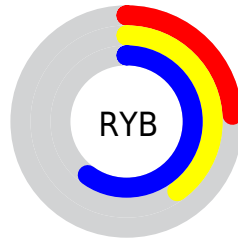
The Hex color **3D8A99** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **994C3D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **75C0CF**, and **005866** is the 20% darker color. If you saturate the color by 10%, you get **2E8899**, and if you desaturate by 10%, it is **4C8C99**.

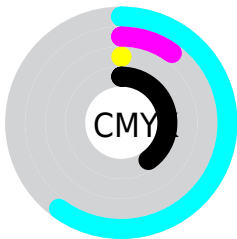
# Distribution



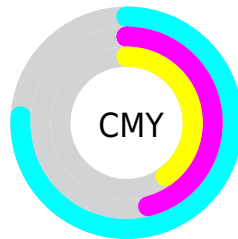
- Red (24%)
- Green (54%)
- Blue (60%)



- Red (24%)
- Yellow (40%)
- Blue (60%)



- Cyan (60%)
- Magenta (10%)
- Yellow (0%)
- Black (40%)



- Cyan (76%)
- Magenta (46%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D8A99 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 3D8A99 by changing the saturation by 10% instead.





3D8A99



3D8A99

FFFFFF



1C707F



75C0CF



005866



91DCEC



00404E



AEF8FF



002A37



CAFFFF



001622



E8FFFF



000009



000000



3D8A99



3D8A99



2E8899



4C8C99

■ 1E8599

■ 5C8F99

■ 0F8399

■ 6B9199

■ 008099

■ 7A9499

■ 8A9699

■ 999999

■ A89B99

■ B79E99

■ C7A099

# Harmonies

## Analogous

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



448B85



3D8A99



4F86A6

# Triad

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



3D8A99



9F728F



888056

# Complementary

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



3D8A99



994C3D

# 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.



9B7959



3D8A99



A9707A

# Square

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



3D8A99



8A78A0



A77367



71865E

# Rectangle

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



3D8A99



6382A9



A77367



8F7E56



# Sweetspot

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



3D8A99



A3C1C7



3D994B



4E6063



E3E3E3



636363



# Same Dimension

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



3D8A99



38B0C7



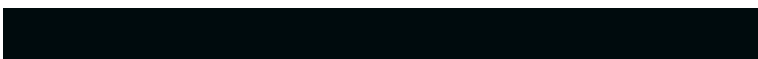
3D5D99



454B4D



00758C



000B0D



# Inverse Universe

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



993D8A



C738B0



99793D



4D454B



8C0075

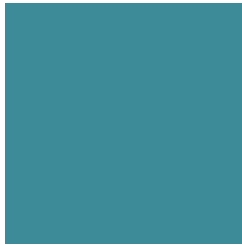


0D000B



# Previews

## White Background



This preview shows how the Hex color 3D8A99 looks on a white background.

## Color Contrast Check

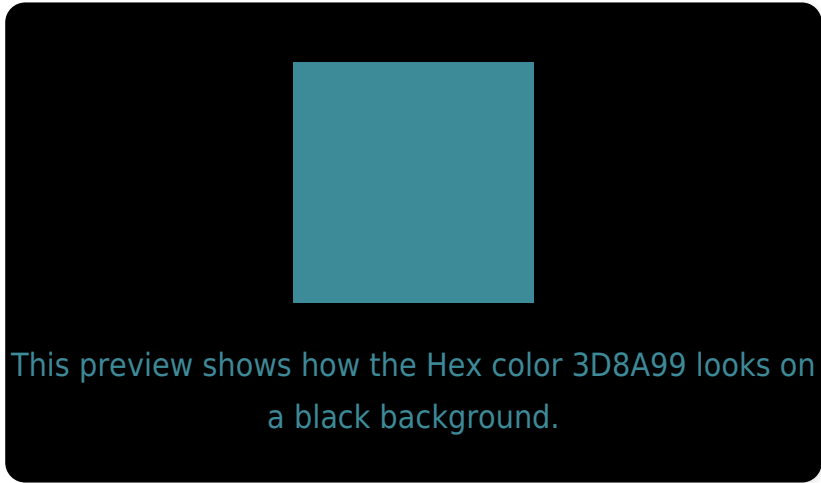
Large Text (above 18pt) WCAG AA ✓ Pass

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

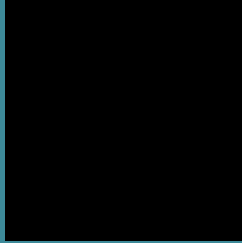
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3D8A99 Background



This preview shows how black text looks on a background with the Hex color 3D8A99.

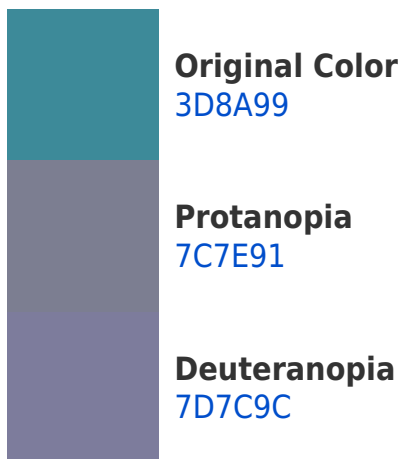


This preview shows how white text looks on a background with the Hex color 3D8A99.

# 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](#).

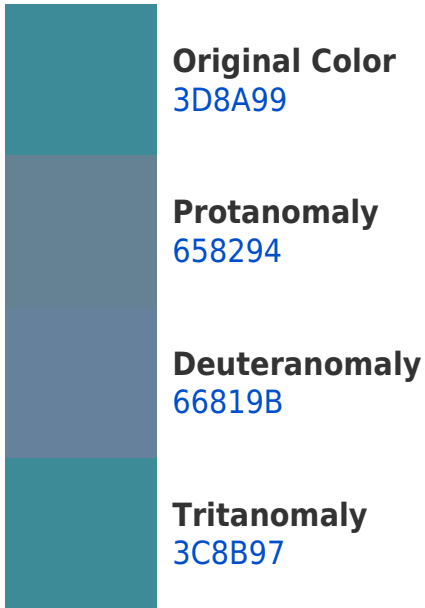
## Dichromacy





**Tritanopia**  
3C8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D8A99 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 #3D8A99 looks like.

```
.text, #text, p{  
    color:#3D8A99  
}
```

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 #3D8A99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8A99
}
```

## Border

The CSS property to change the border of an element to Hex 3D8A99 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
#3D8A99 }
```

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

```
.border{ border-color:#3D8A99 }
```

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

Here you see how a box with a 4 pixel #3D8A99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8A99; -webkit-box-shadow:4px 4px  
4px 4px #3D8A99; box-shadow:4px 4px 4px  
4px #3D8A99 }
```

# Background

The CSS property to change the background color of an element to Hex 3D8A99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8A99 }
```

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

```
.background{ background-color:#3D8A99 }
```

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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