

# Converting Colors

Hex(3A8A72)

Have a look what the booklet for  
Hex(3A8A72) contains.

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# Color

Hex(3A8A72)

# Conversions

## Conversions Part 1

Format	Color
Hex	3A8A72
RGB	58, 138, 114
RGB Percent	23%, 54%, 45%
CMY	0.7725, 0.4588, 0.5529
CMYK	0.58, 0.00, 0.17, 0.46
HSL	162°, 41%, 38%
HSV	162°, 58%, 54%
XYZ	13.8707, 20.2914, 19.1052
YIQ	111.3440, -39.9760, -24.4240

# Conversions

## Conversions Part 2

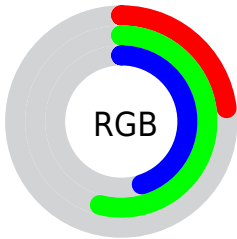
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 105, 138
Decimal	3836530
CIELab	52.17, -30.57, 5.56
CIELCh	52, 31.074, 169.696
Yxy	20.2914, 0.2604, 0.3809
Android (android.graphics.Color)	4282026610 (0xFF3A8A72)
YUV	111.3440, 1.3094, -46.7827
Hunter-Lab	45.0460, -23.8663, 6.3858

# Details

The Hex color **3A8A72** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8A3A52**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **70C0A6**, and **005742** is the 20% darker color. If you saturate the color by 10%, you get **2C8A6E**, and if you desaturate by 10%, it is **488A76**.

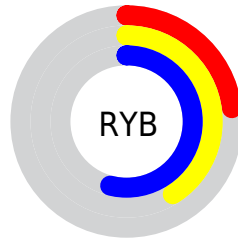
# Distribution



Red (23%)

Green (54%)

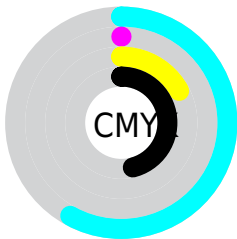
Blue (45%)



Red (23%)

Yellow (41%)

Blue (54%)

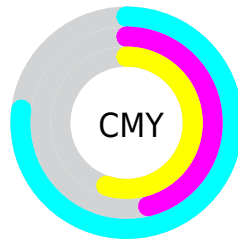


Cyan (58%)

Magenta (0%)

Yellow (17%)

Black (46%)



Cyan (77%)

Magenta (46%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A8A72 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 3A8A72 by changing the saturation by 10% instead.





3A8A72



3A8A72

FFFFFF



1C705A



70C0A6



005742



8CDCC1



003F2C



A8F9DD



002917



C4FFF9



000E00



E1FFFF



000000

FEFFFF



3A8A72



3A8A72



2C8A6E



488A76

■ 1E8A6A

■ 568A7A

■ 118A66

■ 638A7E

■ 038A61

■ 718A83

■ 008A61

■ 7F8A87

■ 8D8A8B

■ 9B8A8F

■ A88A93

■ B68A97

# Harmonies

## Analogous

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



5E8759



3A8A72



078A8D

# Triad

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



3A8A72



7279AE



A96E55

# Complementary

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



3A8A72



8A3A52

# 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.



B0686C



3A8A72



956F9F

# Square

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



3A8A72



4482B0



AA6887



967848

# Rectangle

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



3A8A72



00899E



AA6887



AC6C5C



# Sweetspot

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



3A8A72



94B3A9



528A3A



475954



D9D9D9



595959



# Same Dimension

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



3A8A72



36B38D



3A7A8A



3E4543



00855D



000504



# Inverse Universe

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



8A3A52



B3365B



8A4A3A



453E40



850028

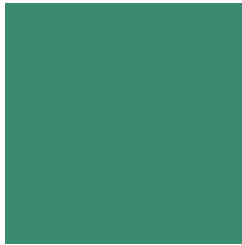


050002



# Previews

## White Background



This preview shows how the Hex color 3A8A72 looks on a white background.

## Color Contrast Check

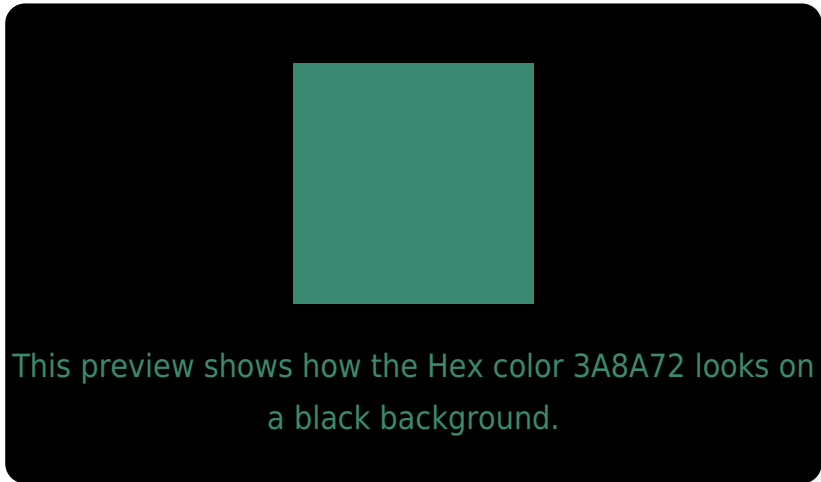
Large Text (above 18pt) WCAG AA ✓ Pass

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

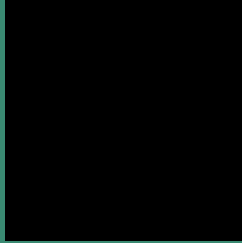
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3A8A72 Background



This preview shows how black text looks on a background with the Hex color 3A8A72.

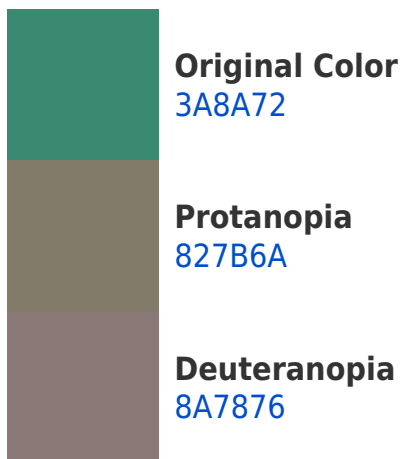


This preview shows how white text looks on a background with the Hex color 3A8A72.

# 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**  
458691

# Trichromacy



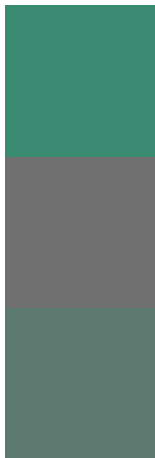
**Original Color**  
3A8A72

**Protanomaly**  
68806D

**Deuteranomaly**  
6D7F75

**Tritanomaly**  
418786

# Monochromacy



**Original Color**  
3A8A72

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
5C7970

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A8A72 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 #3A8A72 looks like.

```
.text, #text, p{  
    color:#3A8A72  
}
```

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 #3A8A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A8A72
}
```

## Border

The CSS property to change the border of an element to Hex 3A8A72 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
#3A8A72 }
```

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

```
.border{ border-color:#3A8A72 }
```

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

Here you see how a box with a 4 pixel #3A8A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A8A72; -webkit-box-shadow:4px 4px  
4px 4px #3A8A72; box-shadow:4px 4px 4px  
4px #3A8A72 }
```

# Background

The CSS property to change the background color of an element to Hex 3A8A72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A8A72 }
```

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

```
.background{ background-color:#3A8A72 }
```

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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