

Converting Colors

Hex(3A907E)

Have a look what the booklet for
Hex(3A907E) contains.

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Color

Hex(3A907E)

Conversions

Conversions Part 1

Format	Color
Hex	3A907E
RGB	58, 144, 126
RGB Percent	23%, 56%, 49%
CMY	0.7725, 0.4353, 0.5059
CMYK	0.60, 0.00, 0.12, 0.44
HSL	167°, 43%, 40%
HSV	167°, 60%, 56%
XYZ	15.4841, 22.3524, 23.2370
YIQ	116.2340, -45.4780, -23.8300

Conversions

Conversions Part 2

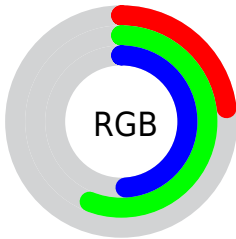
Format	Color
R_{YB}	58, 106, 144
Decimal	3838078
CIE _{Lab}	54.40, -30.37, 1.86
CIE _{LCh}	54, 30.423, 176.498
Yxy	22.3524, 0.2535, 0.3660
Android (android.graphics.Color)	4282028158 (0xFF3A907E)
YUV	116.2340, 4.8146, -51.0712
Hunter-Lab	47.2783, -24.2768, 3.9542

Details

The Hex color **3A907E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **903A4C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **72C6B3**, and **005D4D** is the 20% darker color. If you saturate the color by 10%, you get **2C907B**, and if you desaturate by 10%, it is **489081**.

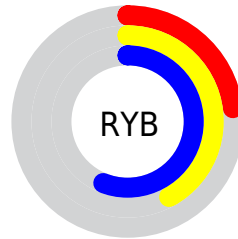
Distribution



Red (23%)

Green (56%)

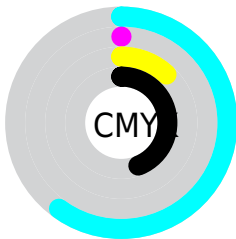
Blue (49%)



Red (23%)

Yellow (42%)

Blue (56%)

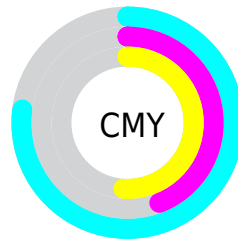


Cyan (60%)

Magenta (0%)

Yellow (12%)

Black (44%)



Cyan (77%)

Magenta (44%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A907E 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 3A907E by changing the saturation by 10% instead.

 3A907E

 3A907E

FFFFFF

 1A7665

 72C6B3

 005D4D

 8DE3CE

 004536

 A9FFEA

 002E21

 C6FFFF

 00180B

 E3FFFF

 000000

 3A907E

 3A907E

 2C907B

 489081

 1D9078

 579084

0F9075

659087

009072

74908A

82908D

909090

9F9093

AD9096

BC9099

Harmonies

Analogous

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



5D8D64



3A907E



189099

Triad

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



3A907E



817CB1



AB7657

Complementary

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



3A907E



903A4C

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.



B56F6C



3A907E



A0739F

Square

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



3A907E



5786B6



B26E86



967F4D

Rectangle

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



3A907E



1C8EA7



B26E86



AF745D

Sweetspot

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



3A907E



99BAB3



4D903A



4A5E5A



DEDEDE



5E5E5E

Same Dimension

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



3A907E



34BA9E



3A7890



404746



00876B



000806

Inverse Universe

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



903A4C



BA3450



90523A



474042



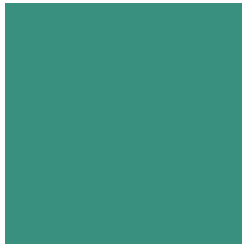
87001C



080002

Previews

White Background



This preview shows how the Hex color 3A907E looks on a white background.

Color Contrast Check

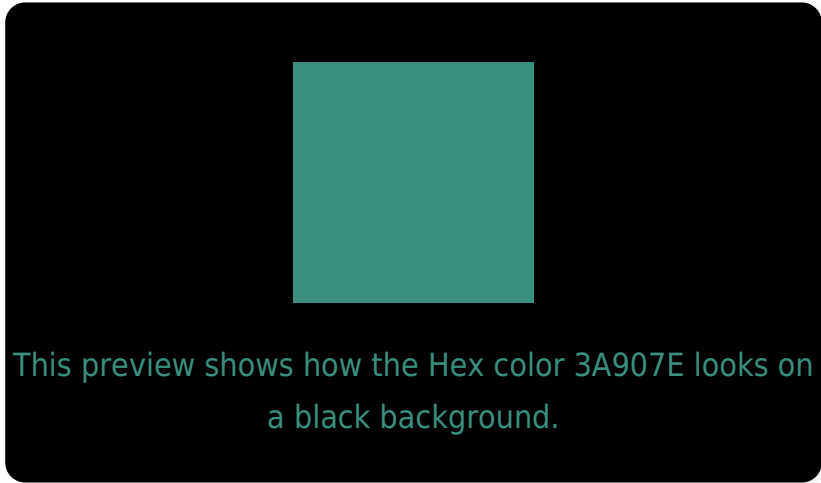
Large Text (above 18pt) WCAG AA ✓ Pass

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

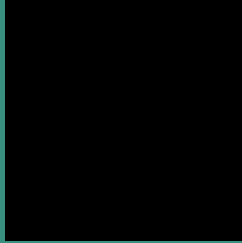
Any Text WCAG AA ✓ Pass

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 3A907E Background



This preview shows how black text looks on a background with the Hex color 3A907E.

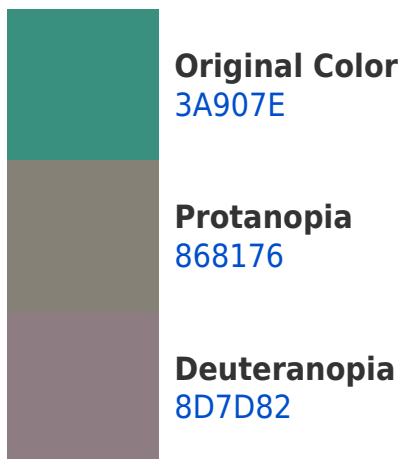


This preview shows how white text looks on a background with the Hex color 3A907E.

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
448C98

Trichromacy



Original Color
3A907E

Protanomaly
6A8679

Deuteranomaly
6F8481

Tritanomaly
408D8F

Monochromacy



Original Color
3A907E

Achromatopsia
747474

Achromatomaly
5F7E78

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A907E 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 #3A907E looks like.

```
.text, #text, p{  
    color:#3A907E  
}
```

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 #3A907E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A907E
}
```

Border

The CSS property to change the border of an element to Hex 3A907E is called "border". The border property can be set on classes, ids or directly on the HTML element.

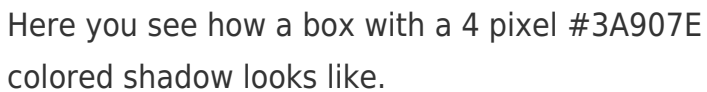
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A907E }
```

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

```
.border{ border-color:#3A907E }
```

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



Here you see how a box with a 4 pixel #3A907E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A907E; -webkit-box-shadow:4px 4px  
4px 4px #3A907E; box-shadow:4px 4px 4px  
4px #3A907E }
```

Background

The CSS property to change the background color of an element to Hex 3A907E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A907E }
```

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

```
.background{ background-color:#3A907E }
```

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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