

Converting Colors

Hex(3A957E)

Have a look what the booklet for
Hex(3A957E) contains.

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Color

Hex(3A957E)

Conversions

Conversions Part 1

Format	Color
Hex	3A957E
RGB	58, 149, 126
RGB Percent	23%, 58%, 49%
CMY	0.7725, 0.4157, 0.5059
CMYK	0.61, 0.00, 0.15, 0.42
HSL	165°, 44%, 41%
HSV	165°, 61%, 58%
XYZ	16.2583, 23.9008, 23.4951
YIQ	119.1690, -46.8530, -26.4450

Conversions

Conversions Part 2

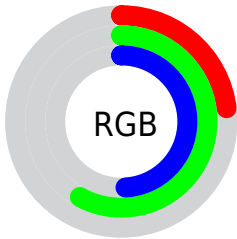
Format	Color
R _Y B	58, 110, 149
Decimal	3839358
CIE Lab	55.99, -32.74, 4.16
CIE LCh	56, 33.003, 172.762
Yxy	23.9008, 0.2554, 0.3755
Android (android.graphics.Color)	4282029438 (0xFF3A957E)
YUV	119.1690, 3.3677, -53.6452
Hunter-Lab	48.8884, -26.1931, 5.7280

Details

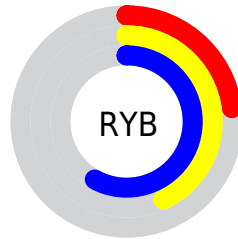
The Hex color **3A957E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **953A51**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **72CCB3**, and **00614D** is the 20% darker color. If you saturate the color by 10%, you get **2B957A**, and if you desaturate by 10%, it is **499582**.

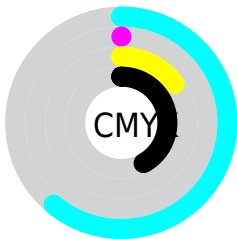
Distribution



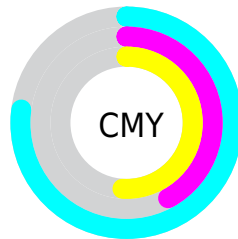
- Red (23%)
- Green (58%)
- Blue (49%)



- Red (23%)
- Yellow (43%)
- Blue (58%)



- Cyan (61%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)



- Cyan (77%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A957E 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 3A957E by changing the saturation by 10% instead.

■ 3A957E

■ 3A957E

FFFFFF

■ 187B65

■ 72CCB3

■ 00614D

■ 8EE8CE

■ 004936

■ AAFFEA

■ 003221

■ C7FFFF

■ 001D0B

■ E4FFFF

■ 000000

■ 3A957E

■ 3A957E

■ 2B957A

■ 499582

■ 1C9576

■ 589586

0D9573

679589

00956F

76958D

849591

939595

A29598

B1959C

C095A0

Harmonies

Analogous

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



619263



3A957E



00959B

Triad

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



3A957E



7F81BB



B4785A

Complementary

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



3A957E



953A51

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.



BE7171



3A957E



A477A9

Square

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



3A957E



4F8BBF



B9708E



9F824D

Rectangle

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



3A957E



0093AC



B9708E



B97561

Sweetspot

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



3A957E



9FC2B9



52953A



4C615C



E0E0E0



616161

Same Dimension

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



3A957E



34C29E



3A8095



434A48



008A67



000A08

Inverse Universe

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



953A51



C23458



954F3A



4A4344



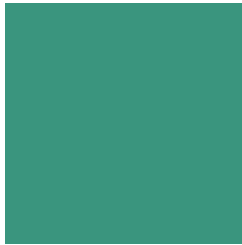
8A0023



0A0003

Previews

White Background



This preview shows how the Hex color 3A957E looks on a white background.

Color Contrast Check

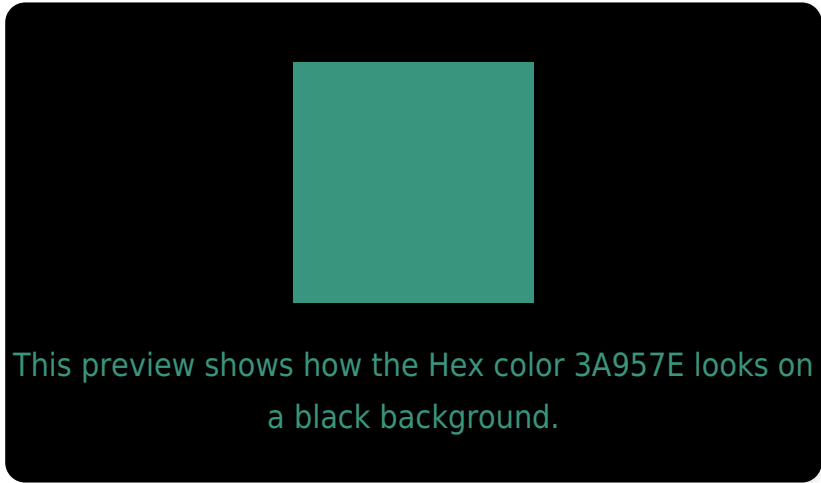
Large Text (above 18pt) WCAG AA ✓ Pass

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

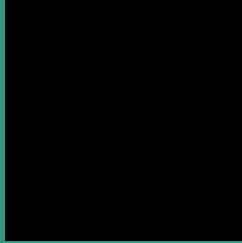
Any Text WCAG AA ✓ Pass

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 3A957E Background



This preview shows how black text looks on a background with the Hex color 3A957E.

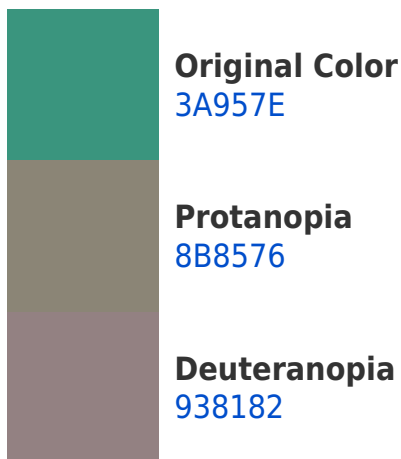



This preview shows how white text looks on a background with the Hex color 3A957E.

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



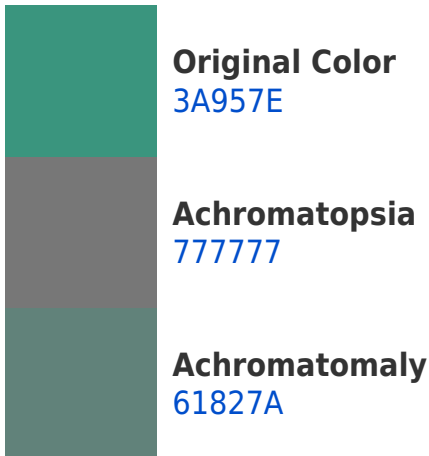


Tritanopia
46919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A957E 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 #3A957E looks like.

```
.text, #text, p{  
    color:#3A957E  
}
```

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 #3A957E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A957E
}
```

Border

The CSS property to change the border of an element to Hex 3A957E 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
#3A957E }
```

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

```
.border{ border-color:#3A957E }
```

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

Here you see how a box with a 4 pixel #3A957E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A957E; -webkit-box-shadow:4px 4px  
4px 4px #3A957E; box-shadow:4px 4px 4px  
4px #3A957E }
```

Background

The CSS property to change the background color of an element to Hex 3A957E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A957E }
```

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

```
.background{ background-color:#3A957E }
```

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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