

Converting Colors

Hex(3F9A57)

Have a look what the booklet for
Hex(3F9A57) contains.

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Color

Hex(3F9A57)

Conversions

Conversions Part 1

Format	Color
Hex	3F9A57
RGB	63, 154, 87
RGB Percent	25%, 60%, 34%
CMY	0.7529, 0.3961, 0.6588
CMYK	0.59, 0.00, 0.44, 0.40
HSL	136°, 42%, 43%
HSV	136°, 59%, 60%
XYZ	15.3258, 24.8561, 13.0068
YIQ	119.1530, -32.7290, -40.1290

Conversions

Conversions Part 2

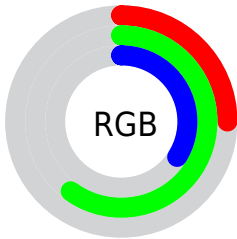
Format	Color
RYB	63, 135, 154
Decimal	4168279
CIELab	56.93, -42.23, 27.25
CIELCh	57, 50.260, 147.167
Yxy	24.8561, 0.2881, 0.4673
Android (android.graphics.Color)	4282358359 (0xFF3F9A57)
YUV	119.1530, -15.8514, -49.2462
Hunter-Lab	49.8559, -32.3765, 19.4311

Details

The Hex color **3F9A57** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9A3F82**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **77D18A**, and **006628** is the 20% darker color. If you saturate the color by 10%, you get **309A4C**, and if you desaturate by 10%, it is **4E9A62**.

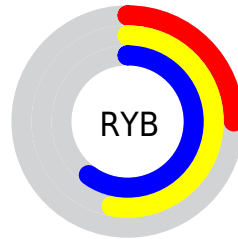
Distribution



Red (25%)

Green (60%)

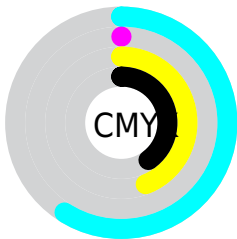
Blue (34%)



Red (25%)

Yellow (53%)

Blue (60%)

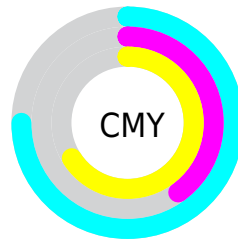


Cyan (59%)

Magenta (0%)

Yellow (44%)

Black (40%)



Cyan (75%)

Magenta (40%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9A57 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 3F9A57 by changing the saturation by 10% instead.



3F9A57



3F9A57

FFFFFF



20803F



77D18A



006628



93EEA4



004D11



AFFFC0



003500



CBFFDC



002000



E9FFF8



000000



3F9A57



3F9A57



309A4C



4E9A62



209A40



5E9A6E

■ 119A35

■ 6D9A79

■ 019A2A

■ 7D9A84

■ 009A29

■ 8C9A90

■ 9B9A9B

■ AB9AA6

■ BA9AB2

■ CA9ABD

Harmonies

Analogous

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



799236



3F9A57



009E83

Triad

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



3F9A57



008FE0



D86563

Complementary

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



3F9A57



9A3F82

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.



D5628F



3F9A57



837FD7

Square

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



3F9A57



0099D2



BA6DB9



C5743F

Rectangle

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



3F9A57



009EA1



BA6DB9



DA6271

Sweetspot

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



3F9A57



A5C9AF



839A3F



506655



E6E6E6



666666

Same Dimension

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



3F9A57



3AC960



3F9A83



454D47



008C25



000D03

Inverse Universe

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



9A3F82



C93AA4



9A3F56



4D454A



8C0067



0D0009

Previews

White Background



This preview shows how the Hex color 3F9A57 looks on a white background.

Color Contrast Check

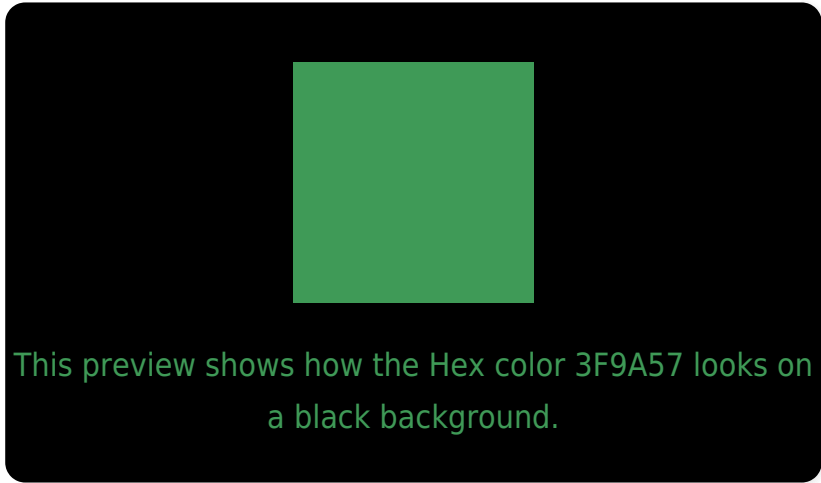
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F9A57 Background



This preview shows how black text looks on a background with the Hex color 3F9A57.



This preview shows how white text looks on a background with the Hex color 3F9A57.

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



Original Color
3F9A57

Protanopia
958850

Deuteranopia
A2825D



Tritanopia
52929E

Trichromacy



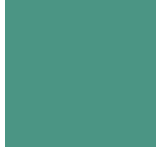
Original Color
3F9A57



Protanomaly
768F53



Deuteranomaly
7E8B5B



Tritanomaly
4B9584

Monochromacy



Original Color
3F9A57



Achromatopsia
777777



Achromatomaly
63846B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9A57 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 #3F9A57 looks like.

```
.text, #text, p{  
    color:#3F9A57  
}
```

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 #3F9A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9A57
}
```

Border

The CSS property to change the border of an element to Hex 3F9A57 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
#3F9A57 }
```

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

```
.border{ border-color:#3F9A57 }
```

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

Here you see how a box with a 4 pixel #3F9A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9A57; -webkit-box-shadow:4px 4px  
4px 4px #3F9A57; box-shadow:4px 4px 4px  
4px #3F9A57 }
```

Background

The CSS property to change the background color of an element to Hex 3F9A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9A57 }
```

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

```
.background{ background-color:#3F9A57 }
```

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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