

Converting Colors

Hex(3E9A69)

Have a look what the booklet for
Hex(3E9A69) contains.

Hex(3E9A69)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E9A69)

Conversions

Conversions Part 1

Format	Color
Hex	3E9A69
RGB	62, 154, 105
RGB Percent	24%, 60%, 41%
CMY	0.7569, 0.3961, 0.5882
CMYK	0.60, 0.00, 0.32, 0.40
HSL	148°, 43%, 42%
HSV	148°, 60%, 60%
XYZ	16.0920, 25.1553, 17.3719
YIQ	120.9060, -39.1030, -34.7430

Conversions

Conversions Part 2

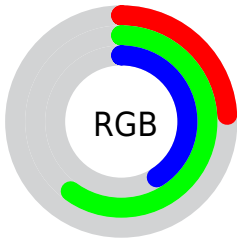
Format	Color
RYB	62, 125, 154
Decimal	4102761
CIELab	57.23, -39.03, 17.78
CIELCh	57, 42.884, 155.508
Yxy	25.1553, 0.2745, 0.4291
Android (android.graphics.Color)	4282292841 (0xFF3E9A69)
YUV	120.9060, -7.8417, -51.6606
Hunter-Lab	50.1550, -30.5004, 14.5726

Details

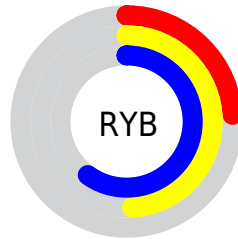
The Hex color **3E9A69** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9A3E6F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **76D19C**, and **006639** is the 20% darker color. If you saturate the color by 10%, you get **2F9A61**, and if you desaturate by 10%, it is **4D9A71**.

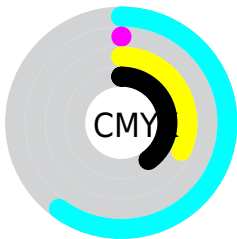
Distribution



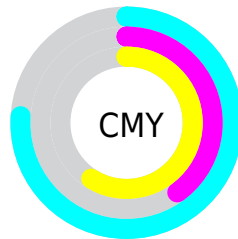
- Red (24%)
- Green (60%)
- Blue (41%)



- Red (24%)
- Yellow (49%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (32%)
- Black (40%)



- Cyan (76%)
- Magenta (40%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E9A69 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 3E9A69 by changing the saturation by 10% instead.



3E9A69



3E9A69

FFFFFF



1E8051



76D19C



006639



92EEB7



004D23



AEFFD3



00350E



CAFFF0



002100



E8FFFF



000000



3E9A69



3E9A69



2F9A61



4D9A71



1F9A59



5D9A79

■ 109A50

■ 6C9A82

■ 009A48

■ 7C9A8A

■ 8B9A92

■ 9A9A9A

■ AA9AA2

■ B99AAB

■ C99AB3

Harmonies

Analogous

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



72944A



3E9A69



009C8F

Triad

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



3E9A69



558BD4



CC6F60

Complementary

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



3E9A69



9A3E6F

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.



CF6A84



3E9A69



957DC6

Square

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



3E9A69



0095CD



BD6FA9



B87C45

Rectangle

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



3E9A69



009CA8



BD6FA9



CF6C6B

Sweetspot

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



3E9A69



A5C9B6



6F9A3E



50665A



E6E6E6



666666

Same Dimension

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



3E9A69



38C97C



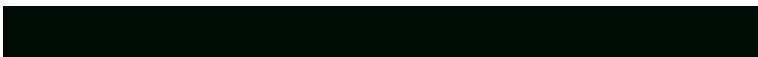
3E9A97



454D48



008C42



000D06

Inverse Universe

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



9A3E6F



C93886



9A3E41



4D4549



8C004B



0D0007

Previews

White Background



This preview shows how the Hex color 3E9A69 looks on a white background.

Color Contrast Check

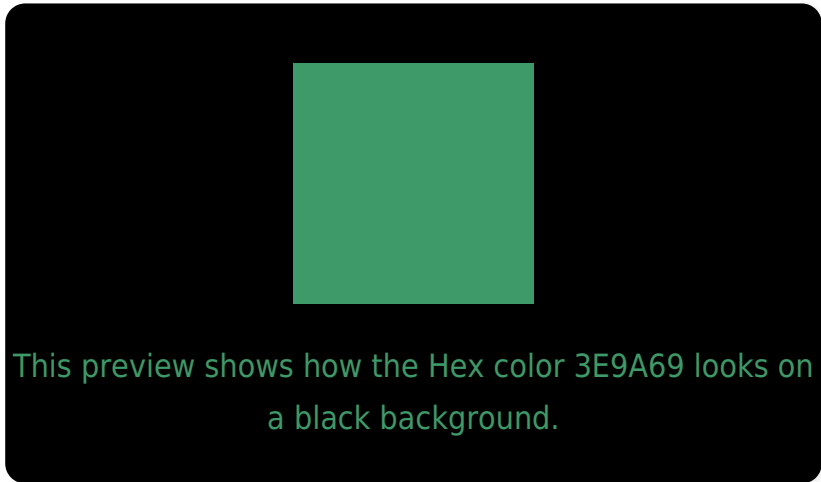
Large Text (above 18pt) WCAG AA ✓ Pass

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

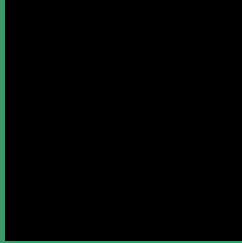
Any Text WCAG AA ✓ Pass

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 3E9A69 Background



This preview shows how black text looks on a background with the Hex color 3E9A69.



This preview shows how white text looks on a background with the Hex color 3E9A69.

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
3E9A69

Protanopia
938861

Deuteranopia
9F836E



Tritanopia
4F939F

Trichromacy



Original Color
3E9A69



Protanomaly
748F64



Deuteranomaly
7C8B6C



Tritanomaly
49968B

Monochromacy



Original Color
3E9A69



Achromatopsia
797979



Achromatomaly
648573

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E9A69 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 #3E9A69 looks like.

```
.text, #text, p{  
    color:#3E9A69  
}
```

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 #3E9A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E9A69
}
```

Border

The CSS property to change the border of an element to Hex 3E9A69 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
#3E9A69 }
```

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

```
.border{ border-color:#3E9A69 }
```

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

Here you see how a box with a 4 pixel #3E9A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E9A69; -webkit-box-shadow:4px 4px  
4px 4px #3E9A69; box-shadow:4px 4px 4px  
4px #3E9A69 }
```

Background

The CSS property to change the background color of an element to Hex 3E9A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E9A69 }
```

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

```
.background{ background-color:#3E9A69 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor