

# Converting Colors

Hex(3F9E61)

Have a look what the booklet for  
Hex(3F9E61) contains.

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# Color

Hex(3F9E61)

# Conversions

## Conversions Part 1

Format	Color
Hex	3F9E61
RGB	63, 158, 97
RGB Percent	25%, 62%, 38%
CMY	0.7529, 0.3804, 0.6196
CMYK	0.60, 0.00, 0.39, 0.38
HSL	141°, 43%, 43%
HSV	141°, 60%, 62%
XYZ	16.4344, 26.3735, 15.5337
YIQ	122.6410, -37.0390, -39.1110

# Conversions

## Conversions Part 2

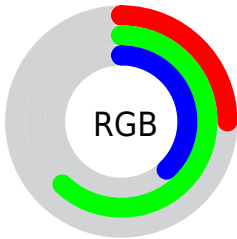
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	63, 133, 158
Decimal	4169313
CIE <sub>Lab</sub>	58.39, -42.09, 23.75
CIE <sub>LCh</sub>	58, 48.333, 150.563
Y <sub>xy</sub>	26.3735, 0.2817, 0.4521
Android (android.graphics.Color)	4282359393 (0xFF3F9E61)
Y <sub>UV</sub>	122.6410, -12.6410, -52.3052
Hunter-Lab	51.3552, -32.7489, 18.0149

# Details

The Hex color **3F9E61** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E3F7C**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **77D594**, and **006A32** is the 20% darker color. If you saturate the color by 10%, you get **2F9E57**, and if you desaturate by 10%, it is **4F9E6B**.

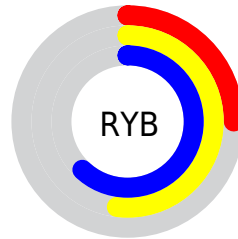
# Distribution



Red (25%)

Green (62%)

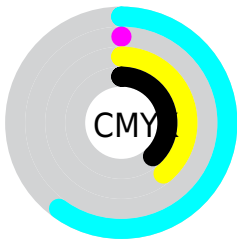
Blue (38%)



Red (25%)

Yellow (52%)

Blue (62%)

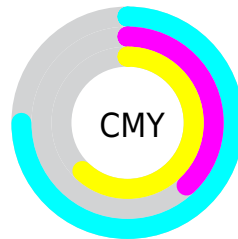


Cyan (60%)

Magenta (0%)

Yellow (39%)

Black (38%)



Cyan (75%)

Magenta (38%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F9E61 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 3F9E61 by changing the saturation by 10% instead.





3F9E61



3F9E61

FFFFFF



1F8349



77D594



006A32



93F2AF



00511B



B0FFCB



003904



CCFFE7



002400



EAFFFF



000000



3F9E61



3F9E61



2F9E57



4F9E6B



1F9E4D



5F9E75

 109E43

 6E9E7F

 009E39

 7E9E8A

 8E9E94

 9E9E9E

 AE9EA8

 BD9EB2

 CD9EBC

# Harmonies

## Analogous

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



799640



3F9E61



00A18C

# Triad

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



3F9E61



3691E1



D96C64

# Complementary

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



3F9E61



9E3F7C

# 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.



D9678D



3F9E61



8F81D5

# Square

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



3F9E61



009BD5



C170B7



C57B43

# Rectangle

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



3F9E61



00A1A9



C170B7



DB6971



# Sweetspot

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



3F9E61



A9CFB7



7D9E3F



52695A



E8E8E8



696969



# Same Dimension

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



3F9E61



3ACF6F



3F9E90



474F4A



008F33



000F05



# Inverse Universe

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



9E3F7C



CF3A99



9E3F4D



4F474C



8F005C



0F000A



# Previews

## White Background



This preview shows how the Hex color 3F9E61 looks on a white background.

## Color Contrast Check

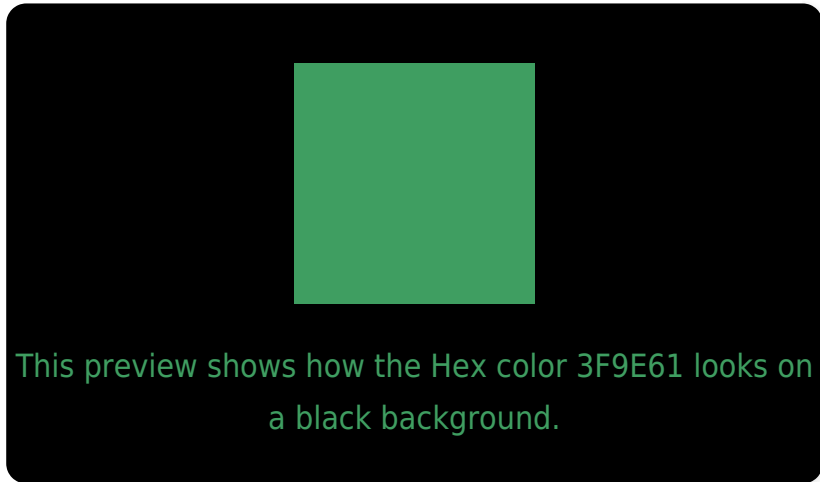
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F9E61 Background



This preview shows how black text looks on a background with the Hex color 3F9E61.




This preview shows how white text looks on a background with the Hex color 3F9E61.

# 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](#).

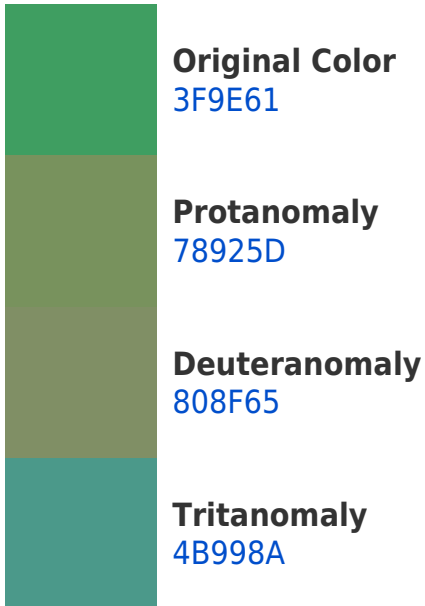
## Dichromacy





**Tritanopia**  
5296A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F9E61 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 #3F9E61 looks like.

```
.text, #text, p{  
    color:#3F9E61  
}
```

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 #3F9E61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9E61
}
```

## Border

The CSS property to change the border of an element to Hex 3F9E61 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
#3F9E61 }
```

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

```
.border{ border-color:#3F9E61 }
```

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

Here you see how a box with a 4 pixel #3F9E61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9E61; -webkit-box-shadow:4px 4px  
4px 4px #3F9E61; box-shadow:4px 4px 4px  
4px #3F9E61 }
```

# Background

The CSS property to change the background color of an element to Hex 3F9E61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9E61 }
```

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

```
.background{ background-color:#3F9E61 }
```

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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