

Converting Colors

Hex(3F9B71)

Have a look what the booklet for
Hex(3F9B71) contains.

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Color

Hex(3F9B71)

Conversions

Conversions Part 1

Format	Color
Hex	3F9B71
RGB	63, 155, 113
RGB Percent	25%, 61%, 44%
CMY	0.7529, 0.3922, 0.5569
CMYK	0.59, 0.00, 0.27, 0.39
HSL	153°, 42%, 43%
HSV	153°, 59%, 61%
XYZ	16.7519, 25.6917, 19.6989
YIQ	122.7040, -41.3500, -32.5660

Conversions

Conversions Part 2

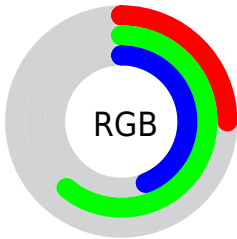
Format	Color
RYB	63, 123, 155
Decimal	4168561
CIELab	57.74, -37.52, 14.03
CIELCh	58, 40.059, 159.502
Yxy	25.6917, 0.2696, 0.4134
Android (android.graphics.Color)	4282358641 (0xFF3F9B71)
YUV	122.7040, -4.7841, -52.3604
Hunter-Lab	50.6870, -29.7086, 12.4386

Details

The Hex color **3F9B71** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9B3F69**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **77D2A5**, and **006741** is the 20% darker color. If you saturate the color by 10%, you get **309B6A**, and if you desaturate by 10%, it is **4E9B78**.

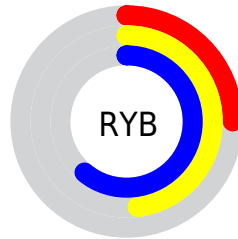
Distribution



Red (25%)

Green (61%)

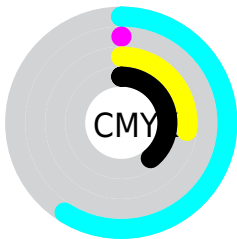
Blue (44%)



Red (25%)

Yellow (48%)

Blue (61%)

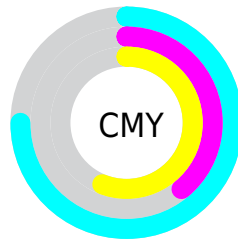


Cyan (59%)

Magenta (0%)

Yellow (27%)

Black (39%)



Cyan (75%)

Magenta (39%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9B71 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 3F9B71 by changing the saturation by 10% instead.



3F9B71



3F9B71

FFFFFF



208158



77D2A5



006741



93EFC0



004E2B



AFFFDC



003616



CCFFF9



002200



E9FFFF



000000



3F9B71



3F9B71



309B6A



4E9B78



209B63



5E9B7F

■ 119B5C

■ 6E9B86

■ 019B55

■ 7D9B8D

■ 009B54

■ 8C9B94

■ 9C9B9B

■ AB9BA3

■ BB9BAA

■ CB9BB1

Harmonies

Analogous

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



6F9653



3F9B71



009D95

Triad

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



3F9B71



668BD0



C87460

Complementary

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



3F9B71



9B3F69

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.



CD6E81



3F9B71



9C7DC1

Square

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



3F9B71



0095CC



BF72A4



B48049

Rectangle

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



3F9B71



009CAC



BF72A4



CC716A

Sweetspot

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



3F9B71



A5C9B9



6A9B3F



50665C



E6E6E6



666666

Same Dimension

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



3F9B71



3AC988



3F989B



454D49



008C4C



000D07

Inverse Universe

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



9B3F69



C93A7C



9B423F



4D4548



8C0040



0D0006

Previews

White Background



This preview shows how the Hex color 3F9B71 looks on a white background.

Color Contrast Check

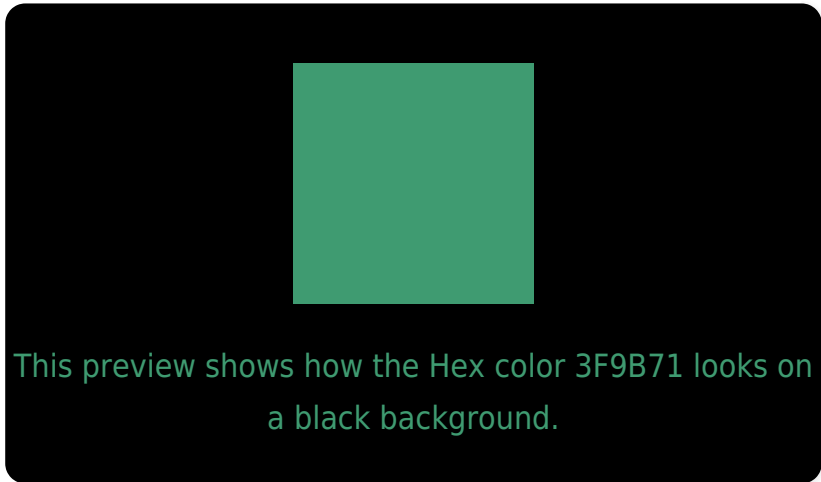
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F9B71 Background



This preview shows how black text looks on a background with the Hex color 3F9B71.



This preview shows how white text looks on a background with the Hex color 3F9B71.

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](#).

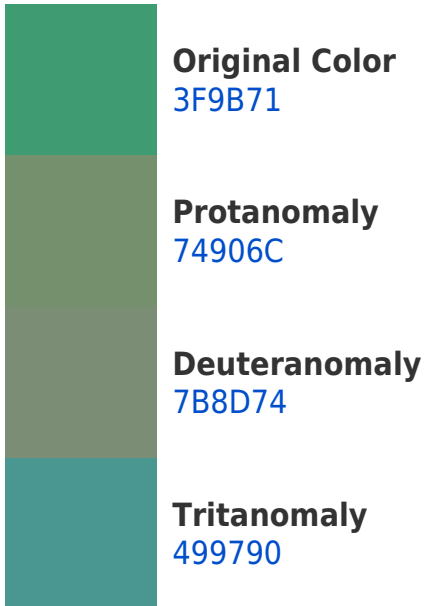
Dichromacy





Tritanopia
4F95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9B71 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 #3F9B71 looks like.

```
.text, #text, p{  
    color:#3F9B71  
}
```

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 #3F9B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9B71
}
```

Border

The CSS property to change the border of an element to Hex 3F9B71 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
#3F9B71 }
```

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

```
.border{ border-color:#3F9B71 }
```

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

Here you see how a box with a 4 pixel #3F9B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9B71; -webkit-box-shadow:4px 4px  
4px 4px #3F9B71; box-shadow:4px 4px 4px  
4px #3F9B71 }
```

Background

The CSS property to change the background color of an element to Hex 3F9B71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9B71 }
```

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

```
.background{ background-color:#3F9B71 }
```

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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