

Converting Colors

Hex(3F9E6A)

Have a look what the booklet for
Hex(3F9E6A) contains.

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Color

Hex(3F9E6A)

Conversions

Conversions Part 1

Format	Color
Hex	3F9E6A
RGB	63, 158, 106
RGB Percent	25%, 62%, 42%
CMY	0.7529, 0.3804, 0.5843
CMYK	0.60, 0.00, 0.33, 0.38
HSL	147°, 43%, 43%
HSV	147°, 60%, 62%
XYZ	16.8783, 26.5511, 17.8710
YIQ	123.6670, -39.9280, -36.3120

Conversions

Conversions Part 2

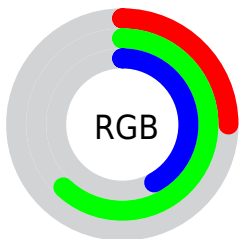
Format	Color
RYB	63, 128, 158
Decimal	4169322
CIELab	58.56, -40.33, 19.04
CIElCh	59, 44.595, 154.722
Yxy	26.5511, 0.2753, 0.4331
Android (android.graphics.Color)	4282359402 (0xFF3F9E6A)
YUV	123.6670, -8.7098, -53.2050
Hunter-Lab	51.5277, -31.7046, 15.5063

Details

The Hex color **3F9E6A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E3F73**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **77D59E**, and **006A3A** is the 20% darker color. If you saturate the color by 10%, you get **2F9E61**, and if you desaturate by 10%, it is **4F9E73**.

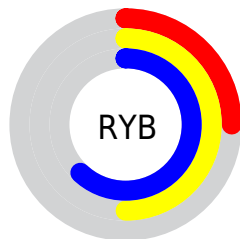
Distribution



Red (25%)

Green (62%)

Blue (42%)



Red (25%)

Yellow (50%)

Blue (62%)

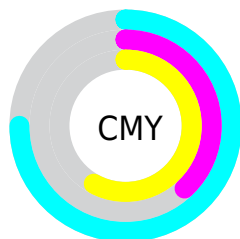


Cyan (60%)

Magenta (0%)

Yellow (33%)

Black (38%)



Cyan (75%)

Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9E6A 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 3F9E6A by changing the saturation by 10% instead.



3F9E6A



3F9E6A

FFFFFF



1F8352



77D59E



006A3A



93F2B9



005124



AFFFD4



00390F



CCFFF1



002400



E9FFFF



000000



3F9E6A



3F9E6A



2F9E61



4F9E73



1F9E59



5F9E7B

 109E50

 6E9E84

 009E48

 7E9E8D

 8E9E95

 9E9E9E

 AE9EA7

 BD9EAF

 CD9EB8

Harmonies

Analogous

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



75974A



3F9E6A



00A192

Triad

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



3F9E6A



538FDB



D37162

Complementary

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



3F9E6A



9E3F73

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.



D56B88



3F9E6A



9880CD

Square

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



3F9E6A



009AD3



C272AF



BE7F46

Rectangle

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



3F9E6A



00A0AC



C272AF



D66E6E

Sweetspot

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



3F9E6A



A9CFBA



739E3F



52695C



E8E8E8



696969

Same Dimension

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



3F9E6A



3ACF7D



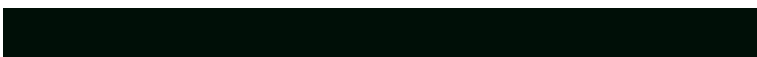
3F9E99



474F4B



008F41



000F07

Inverse Universe

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



9E3F73



CF3A8B



9E3F44



4F474B



8F004E



0F0008

Previews

White Background



This preview shows how the Hex color 3F9E6A looks on a white background.

Color Contrast Check

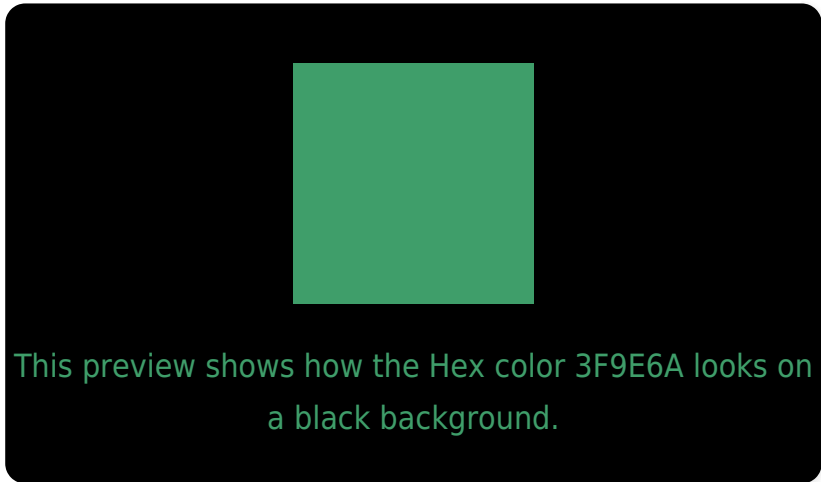
Large Text (above 18pt) WCAG AA ✓ Pass

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

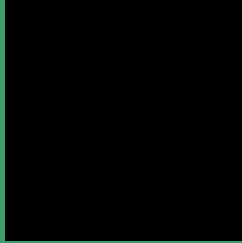
Any Text WCAG AA ✓ Pass

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 3F9E6A Background



This preview shows how black text looks on a background with the Hex color 3F9E6A.



This preview shows how white text looks on a background with the Hex color 3F9E6A.

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
5197A3

Trichromacy



Original Color
3F9E6A



Protanomaly
779365



Deuteranomaly
7F8F6D



Tritanomaly
4A9A8E

Monochromacy



Original Color
3F9E6A



Achromatopsia
7C7C7C



Achromatomaly
668875

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9E6A 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 #3F9E6A looks like.

```
.text, #text, p{  
    color:#3F9E6A  
}
```

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 #3F9E6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9E6A
}
```

Border

The CSS property to change the border of an element to Hex 3F9E6A 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
#3F9E6A }
```

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

```
.border{ border-color:#3F9E6A }
```

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

Here you see how a box with a 4 pixel #3F9E6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9E6A; -webkit-box-shadow:4px 4px  
4px 4px #3F9E6A; box-shadow:4px 4px 4px  
4px #3F9E6A }
```

Background

The CSS property to change the background color of an element to Hex 3F9E6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9E6A }
```

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

```
.background{ background-color:#3F9E6A }
```

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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