

# Converting Colors

Hex(3F8962)

Have a look what the booklet for  
Hex(3F8962) contains.

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# Color

Hex(3F8962)

# Conversions

## Conversions Part 1

Format	Color
Hex	3F8962
RGB	63, 137, 98
RGB Percent	25%, 54%, 38%
CMY	0.7529, 0.4627, 0.6157
CMYK	0.54, 0.00, 0.28, 0.46
HSL	148°, 37%, 39%
HSV	148°, 54%, 54%
XYZ	13.2002, 19.8299, 14.6871
YIQ	110.4280, -31.5850, -27.8170

# Conversions

## Conversions Part 2

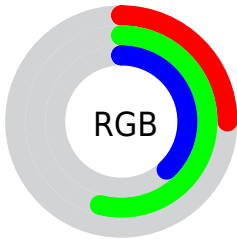
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 113, 137
Decimal	4163938
CIELab	51.64, -32.64, 14.06
CIELCh	52, 35.538, 156.699
Yxy	19.8299, 0.2766, 0.4156
Android (android.graphics.Color)	4282354018 (0xFF3F8962)
YUV	110.4280, -6.1270, -41.5944
Hunter-Lab	44.5308, -25.0166, 11.6166

# Details

The Hex color **3F8962** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **893F66**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **74BF95**, and **005633** is the 20% darker color. If you saturate the color by 10%, you get **31895B**, and if you desaturate by 10%, it is **4D8969**.

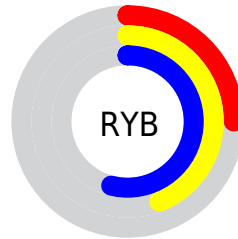
# Distribution



Red (25%)

Green (54%)

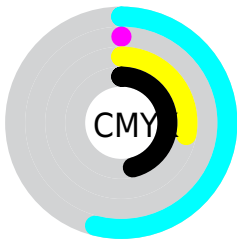
Blue (38%)



Red (25%)

Yellow (44%)

Blue (54%)

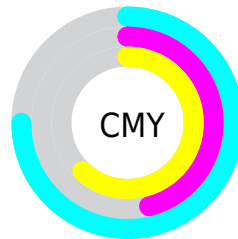


Cyan (54%)

Magenta (0%)

Yellow (28%)

Black (46%)



Cyan (75%)

Magenta (46%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F8962 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 3F8962 by changing the saturation by 10% instead.



■ 3F8962

■ 3F8962

FFFFFF

■ 236F4A

■ 74BF95

■ 005633

■ 8FDDB0

■ 003E1E

■ ABF8CB

■ 002806

■ C7FFE7

■ 000B00

■ E4FFFF

■ 000000

■ 3F8962

■ 3F8962

■ 31895B

■ 4D8969

■ 248954

■ 5A8970

 16894C


 688978

 088945

 76897F

 008941

 848986

 91898D

 9F8995

 AD899C

 BA89A3

# Harmonies

## Analogous

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



678449



3F8962



008B81

# Triad

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



3F8962



577CB7



B26758

# Complementary

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



3F8962



893F66

# 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.



B46275



3F8962



8771AC

# Square

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



3F8962



0085B2



A66694



A17143

# Rectangle

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



3F8962



008A95



A66694



B46461



# Sweetspot

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



3F8962



96B3A3



66893F



485950



D9D9D9



595959



# Same Dimension

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



3F8962



3EB375



3F8987



3E4541



00853F



000502



# Inverse Universe

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



893F66



B33E7C



893F41



453E42



850046



050003



# Previews

## White Background



This preview shows how the Hex color 3F8962 looks on a white background.

## Color Contrast Check

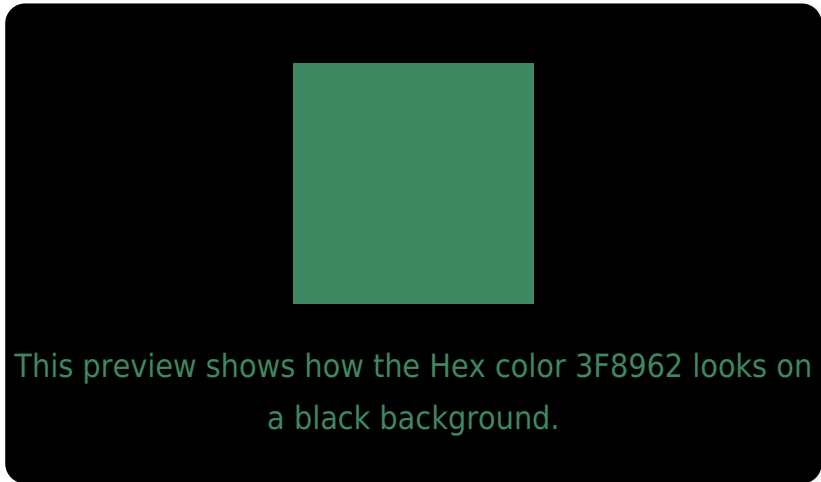
Large Text (above 18pt) WCAG AA ✓ Pass

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

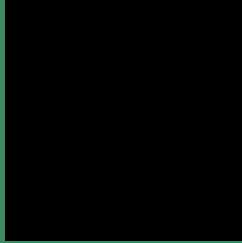
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3F8962 Background



This preview shows how black text looks on a background with the Hex color 3F8962.

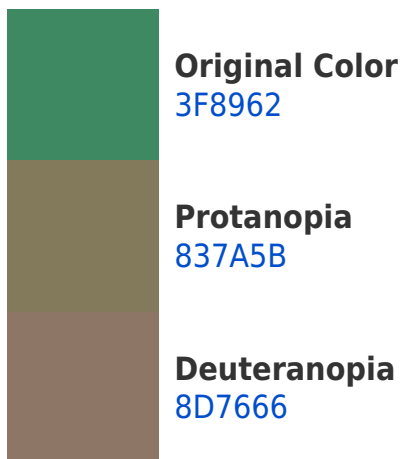


This preview shows how white text looks on a background with the Hex color 3F8962.

# 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**  
4B838E

# Trichromacy



**Original Color**  
3F8962

**Protanomaly**  
6A7F5E

**Deuteranomaly**  
717D65

**Tritanomaly**  
47857E

# Monochromacy



**Original Color**  
3F8962

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
5D786A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F8962 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 #3F8962 looks like.

```
.text, #text, p{  
    color:#3F8962  
}
```

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 #3F8962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F8962
}
```

## Border

The CSS property to change the border of an element to Hex 3F8962 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
#3F8962 }
```

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

```
.border{ border-color:#3F8962 }
```

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

Here you see how a box with a 4 pixel #3F8962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F8962; -webkit-box-shadow:4px 4px  
4px 4px #3F8962; box-shadow:4px 4px 4px  
4px #3F8962 }
```

# Background

The CSS property to change the background color of an element to Hex 3F8962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F8962 }
```

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

```
.background{ background-color:#3F8962 }
```

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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