

Converting Colors

Hex(3D8C6F)

Have a look what the booklet for
Hex(3D8C6F) contains.

Hex(3D8C6F)	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(3D8C6F)

Conversions

Conversions Part 1

Format	Color
Hex	3D8C6F
RGB	61, 140, 111
RGB Percent	24%, 55%, 44%
CMY	0.7608, 0.4510, 0.5647
CMYK	0.56, 0.00, 0.21, 0.45
HSL	158°, 39%, 39%
HSV	158°, 56%, 55%
XYZ	14.1718, 20.8960, 18.3253
YIQ	113.0730, -37.7750, -25.7670

Conversions

Conversions Part 2

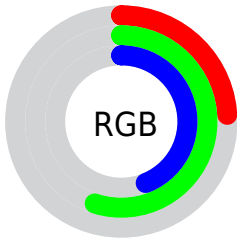
Format	Color
RYB	61, 109, 140
Decimal	4033647
CIELab	52.84, -31.57, 8.26
CIELCh	53, 32.633, 165.340
Yxy	20.8960, 0.2654, 0.3914
Android (android.graphics.Color)	4282223727 (0xFF3D8C6F)
YUV	113.0730, -1.0220, -45.6680
Hunter-Lab	45.7121, -24.6571, 8.2300

Details

The Hex color **3D8C6F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8C3D5A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **73C2A3**, and **00593F** is the 20% darker color. If you saturate the color by 10%, you get **2F8C6A**, and if you desaturate by 10%, it is **4B8C74**.

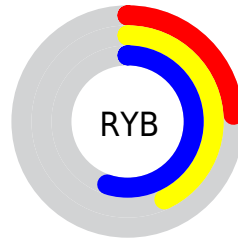
Distribution



Red (24%)

Green (55%)

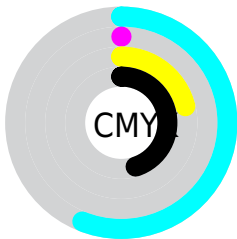
Blue (44%)



Red (24%)

Yellow (43%)

Blue (55%)

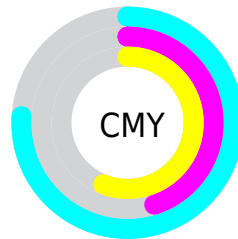


Cyan (56%)

Magenta (0%)

Yellow (21%)

Black (45%)



Cyan (76%)

Magenta (45%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D8C6F 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 3D8C6F by changing the saturation by 10% instead.

 3D8C6F

 3D8C6F

FFFFFF

 207257

 73C2A3

 00593F

 8EDEBE

 004129

 AAFBD9

 002A15

 C6FFF6

 001200

 E3FFFF

 000000

 3D8C6F

 3D8C6F

 2F8C6A

 4B8C74

 218C65

 598C79

■ 138C60

■ 678C7E

■ 058C5A

■ 758C84

■ 008C59

■ 838C89

■ 918C8E

■ 9F8C93

■ AD8C98

■ BB8C9D

Harmonies

Analogous

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



628856



3D8C6F



008D8C

Triad

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



3D8C6F



6C7CB4



AE6E57

Complementary

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



3D8C6F



8C3D5A

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.



B56871



3D8C6F



9372A6

Square

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



3D8C6F



3885B4



AC6A8D



9C7848

Rectangle

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



3D8C6F



008C9E



AC6A8D



B26C5F

Sweetspot

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



3D8C6F



96B5AA



5B8C3D



495C55



DBDBDB



5C5C5C

Same Dimension

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



3D8C6F



3AB588



3D838C



3E4542



008554



000503

Inverse Universe

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



8C3D5A



B53A67



8C463D



453E40



850031



050002

Previews

White Background



This preview shows how the Hex color 3D8C6F looks on a white background.

Color Contrast Check

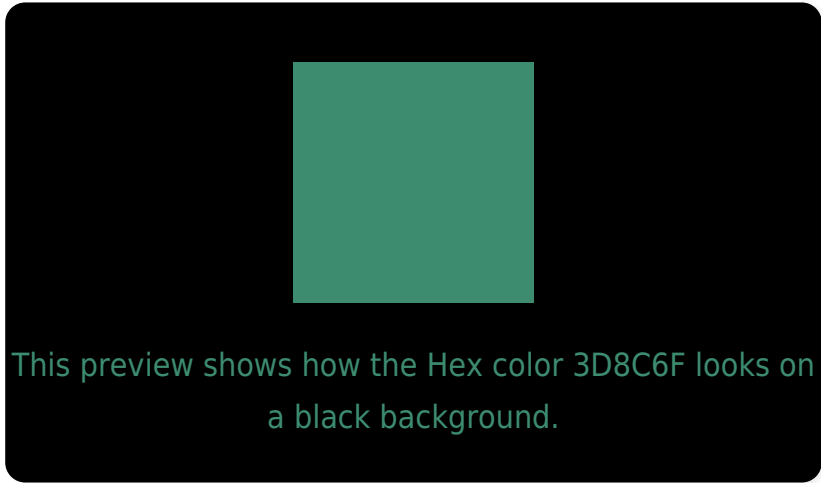
Large Text (above 18pt) WCAG AA ✓ Pass

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

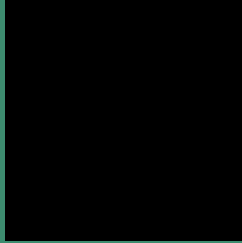
Any Text WCAG AA ✓ Pass

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 3D8C6F Background



This preview shows how black text looks on a background with the Hex color 3D8C6F.

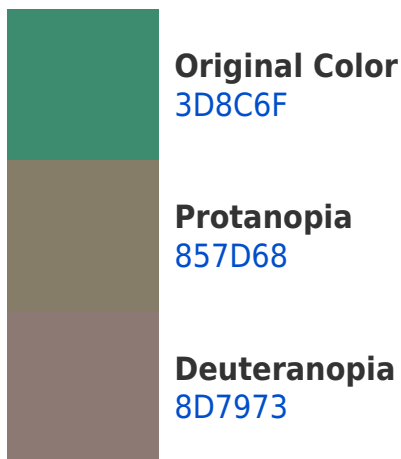


This preview shows how white text looks on a background with the Hex color 3D8C6F.

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
488792

Trichromacy



Original Color
3D8C6F



Protanomaly
6B826B



Deuteranomaly
708072



Tritanomaly
448985

Monochromacy



Original Color
3D8C6F



Achromatopsia
717171



Achromatomaly
5E7B70

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D8C6F 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 #3D8C6F looks like.

```
.text, #text, p{  
    color:#3D8C6F  
}
```

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 #3D8C6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8C6F
}
```

Border

The CSS property to change the border of an element to Hex 3D8C6F 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
#3D8C6F }
```

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

```
.border{ border-color:#3D8C6F }
```

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

Here you see how a box with a 4 pixel #3D8C6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8C6F; -webkit-box-shadow:4px 4px  
4px 4px #3D8C6F; box-shadow:4px 4px 4px  
4px #3D8C6F }
```

Background

The CSS property to change the background color of an element to Hex 3D8C6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8C6F }
```

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

```
.background{ background-color:#3D8C6F }
```

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