

Converting Colors

Hex(3A786C)

Have a look what the booklet for
Hex(3A786C) contains.

Hex(3A786C)	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(3A786C)

Conversions

Conversions Part 1

Format	Color
Hex	3A786C
RGB	58, 120, 108
RGB Percent	23%, 47%, 42%
CMY	0.7725, 0.5294, 0.5765
CMYK	0.52, 0.00, 0.10, 0.53
HSL	168°, 35%, 35%
HSV	168°, 52%, 47%
XYZ	11.1682, 15.4152, 16.5742
YIQ	100.0940, -33.1000, -16.8760

Conversions

Conversions Part 2

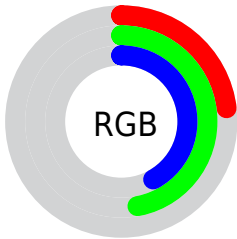
Format	Color
R _{YB}	58, 92, 120
Decimal	3831916
CIE Lab	46.20, -23.20, 0.45
CIE LCh	46, 23.200, 178.889
Yxy	15.4152, 0.2588, 0.3572
Android (android.graphics.Color)	4282021996 (0xFF3A786C)
YUV	100.0940, 3.8977, -36.9164
Hunter-Lab	39.2622, -17.9343, 2.4548

Details

The Hex color **3A786C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **783A46**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6EAD9F**, and **00473D** is the 20% darker color. If you saturate the color by 10%, you get **2E786A**, and if you desaturate by 10%, it is **46786E**.

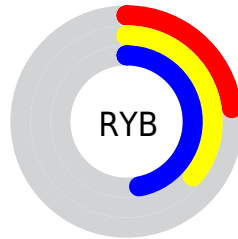
Distribution



Red (23%)

Green (47%)

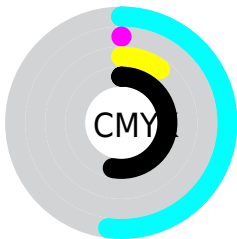
Blue (42%)



Red (23%)

Yellow (36%)

Blue (47%)

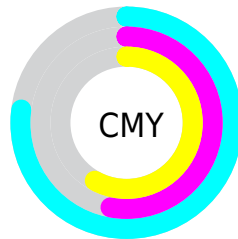


Cyan (52%)

Magenta (0%)

Yellow (10%)

Black (53%)



Cyan (77%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A786C 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 3A786C by changing the saturation by 10% instead.

■ 3A786C

■ 3A786C

FFFFFF

■ 1F5F54

■ 6EAD9F

■ 00473D

■ 89C8BA

■ 003027

■ A4E4D6

■ 001D12

■ C0FFF2

■ 000000

■ DCFFFF

■ F9FFFF

■ 3A786C

■ 3A786C

■ 2E786A

■ 46786E

■ 227867

■ 527871

■ 167865

■ 5E7873

■ 0A7863

■ 6A7875

■ 007861

■ 767878

■ 82787A

■ 8E787C

■ 9A787F

■ A67881

Harmonies

Analogous

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



517659



3A786C



2C7880

Triad

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



3A786C



6F698F



8B654D

Complementary

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



3A786C



783A46

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.



94605C



3A786C



856282

Square

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



3A786C



526F94



925F6F



7C6C47

Rectangle

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



3A786C



30768A



925F6F



8F6351

Sweetspot

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



3A786C



839C97



46783A



404F4C



CFCFCF



4F4F4F

Same Dimension

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



3A786C



3B9C89



3A6578



373D3C



007D65



00FCCC

Inverse Universe

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



783A46



9C3B4E



784D3A



3D3738



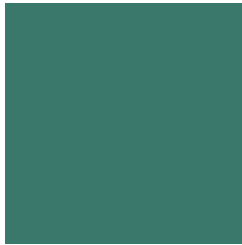
7D0018



FC0031

Previews

White Background



This preview shows how the Hex color 3A786C looks on a white background.

Color Contrast Check

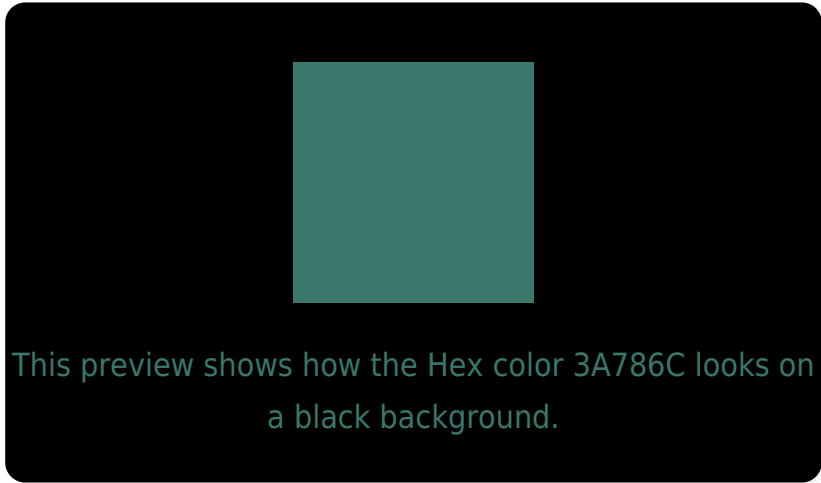
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

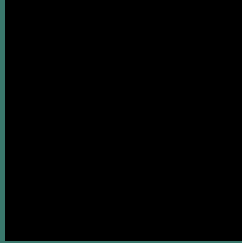
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3A786C Background



This preview shows how black text looks on a background with the Hex color 3A786C.



This preview shows how white text looks on a background with the Hex color 3A786C.

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



Original Color
3A786C

Protanopia
716C66

Deuteranopia
766A6F



Tritanopia
40757F

Trichromacy



Original Color
3A786C

Protanomaly
5D7068

Deuteranomaly
606F6E

Tritanomaly
3E7678

Monochromacy



Original Color
3A786C

Achromatopsia
646464

Achromatomaly
556B67

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A786C 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 #3A786C looks like.

```
.text, #text, p{  
    color:#3A786C  
}
```

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 #3A786C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A786C
}
```

Border

The CSS property to change the border of an element to Hex 3A786C 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".

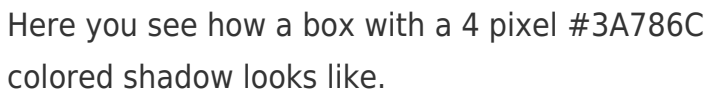
```
.border, #border, table{ border:4px solid
#3A786C }
```

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

```
.border{ border-color:#3A786C }
```

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

Here you see how a box with a 4 pixel #3A786C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A786C; -webkit-box-shadow:4px 4px  
4px 4px #3A786C; box-shadow:4px 4px 4px  
4px #3A786C }
```

Background

The CSS property to change the background color of an element to Hex 3A786C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A786C }
```

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

```
.background{ background-color:#3A786C }
```

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