

# Converting Colors

Hex(3A884D)

Have a look what the booklet for  
Hex(3A884D) contains.

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# Color

**Hex(3A884D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A884D
RGB	58, 136, 77
RGB Percent	23%, 53%, 30%
CMY	0.7725, 0.4667, 0.6980
CMYK	0.57, 0.00, 0.43, 0.47
HSL	135°, 40%, 38%
HSV	135°, 57%, 53%
XYZ	11.8886, 19.0437, 10.0704
YIQ	105.9520, -27.5490, -34.8850

# Conversions

## Conversions Part 2

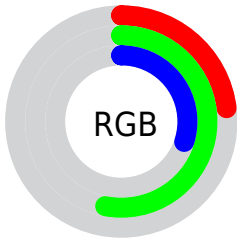
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 121, 136
Decimal	3835981
CIELab	50.74, -37.61, 24.62
CIElCh	51, 44.952, 146.792
Yxy	19.0437, 0.2899, 0.4644
Android (android.graphics.Color)	4282026061 (0xFF3A884D)
YUV	105.9520, -14.2733, -42.0539
Hunter-Lab	43.6391, -27.7394, 16.8653

# Details

The Hex color **3A884D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **883A75**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **70BE7F**, and **00551F** is the 20% darker color. If you saturate the color by 10%, you get **2C8843**, and if you desaturate by 10%, it is **488857**.

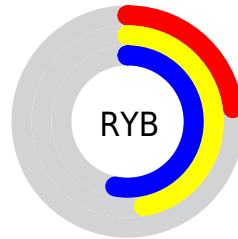
# Distribution



Red (23%)

Green (53%)

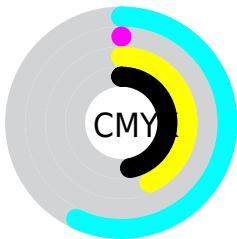
Blue (30%)



Red (23%)

Yellow (47%)

Blue (53%)

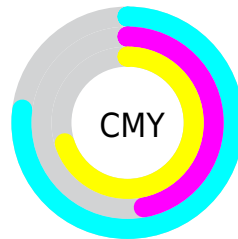


Cyan (57%)

Magenta (0%)

Yellow (43%)

Black (47%)



Cyan (77%)

Magenta (47%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A884D 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 3A884D by changing the saturation by 10% instead.



 3A884D

 3A884D

FFFFFF

 1C6E36

 70BE7F

 00551F

 8BDA99

 003D08

 A7F7B4

 002800

 C3FFD0

 000500

 E0FFEC

 000000

FDFFFF

 3A884D

 3A884D

 2C8843

 488857

■ 1F8838

■ 558862

■ 11882E

■ 63886C

■ 048824

■ 708876

■ 008821

■ 7E8880

■ 8C888B

■ 998895

■ A7889F

■ B488AA

# Harmonies

## Analogous

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



6C8130



3A884D



008B73

# Triad

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



3A884D



037EC5



BE5A58

# Complementary

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



3A884D



883A75

# 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.



BC577F



3A884D



7470BD

# Square

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



3A884D



0087B8



A461A3



AF6739

# Rectangle

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



3A884D



008C8E



A461A3



C05865



# Sweetspot

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



3A884D



92B099



76883A



47594C



D9D9D9



595959



# Same Dimension

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



3A884D



37B054



3A8873



3E4540



008520



000501



# Inverse Universe

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



883A75



B03792



883A4F



453E43



850064



050004



# Previews

## White Background



This preview shows how the Hex color 3A884D looks on a white background.

## Color Contrast Check

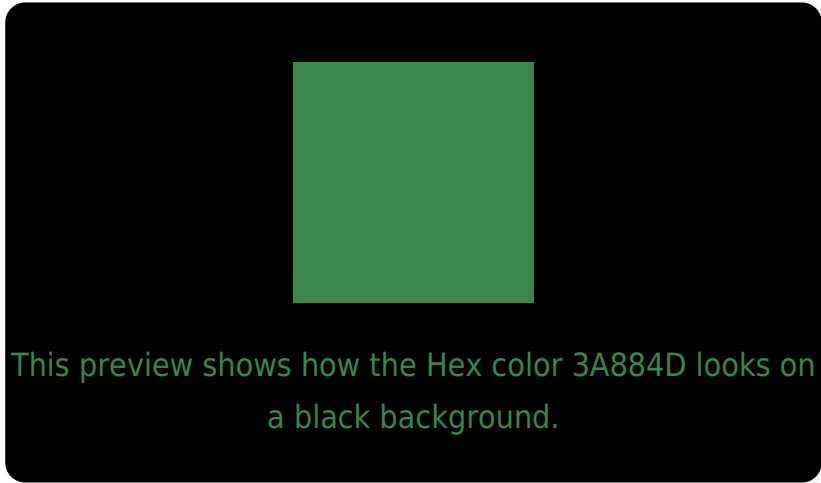
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A884D Background



This preview shows how black text looks on a background with the Hex color 3A884D.



This preview shows how white text looks on a background with the Hex color 3A884D.

# 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**  
3A884D

**Protanopia**  
837847

**Deuteranopia**  
907352



**Tritanopia**  
4A818B

# Trichromacy



**Original Color**  
3A884D



**Protanomaly**  
687E49



**Deuteranomaly**  
717B50



**Tritanomaly**  
448474

# Monochromacy



**Original Color**  
3A884D



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
59755F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A884D 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 #3A884D looks like.

```
.text, #text, p{  
    color:#3A884D  
}
```

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 #3A884D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A884D
}
```

## Border

The CSS property to change the border of an element to Hex 3A884D 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
#3A884D }
```

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

```
.border{ border-color:#3A884D }
```

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

Here you see how a box with a 4 pixel #3A884D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A884D; -webkit-box-shadow:4px 4px  
4px 4px #3A884D; box-shadow:4px 4px 4px  
4px #3A884D }
```

# Background

The CSS property to change the background color of an element to Hex 3A884D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A884D }
```

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

```
.background{ background-color:#3A884D }
```

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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