

# Converting Colors

Hex(3A613C)

Have a look what the booklet for  
Hex(3A613C) contains.

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# Color

Hex(3A613C)

# Conversions

## Conversions Part 1

Format	Color
Hex	3A613C
RGB	58, 97, 60
RGB Percent	23%, 38%, 24%
CMY	0.7725, 0.6196, 0.7647
CMYK	0.40, 0.00, 0.38, 0.62
HSL	123°, 25%, 30%
HSV	123°, 40%, 38%
XYZ	6.8352, 9.7752, 5.8015
YIQ	81.1210, -11.3670, -19.7750

# Conversions

## Conversions Part 2

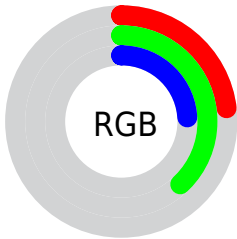
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 95, 97
Decimal	3825980
CIELab	37.44, -22.40, 16.87
CIELCh	37, 28.044, 143.014
Yxy	9.7752, 0.3050, 0.4362
Android (android.graphics.Color)	4282016060 (0xFF3A613C)
YUV	81.1210, -10.4127, -20.2771
Hunter-Lab	31.2653, -15.6905, 10.8840

# Details

The Hex color **3A613C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **613A5F**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6B946C**, and **0A3211** is the 20% darker color. If you saturate the color by 10%, you get **306133**, and if you desaturate by 10%, it is **446145**.

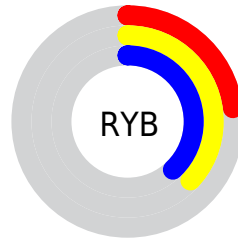
# Distribution



Red (23%)

Green (38%)

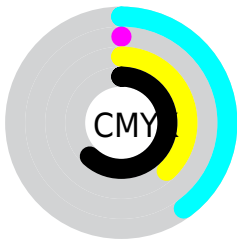
Blue (24%)



Red (23%)

Yellow (37%)

Blue (38%)

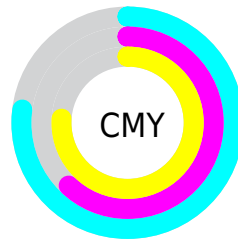


Cyan (40%)

Magenta (0%)

Yellow (38%)

Black (62%)



Cyan (77%)

Magenta (62%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A613C 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 3A613C by changing the saturation by 10% instead.



 3A613C

 3A613C

FFFFFF

 224926

 6B946C

 0A3211

 85AF85

 001E00

 9FCA9F

 000000

 BBE6BA

 D7FFD6

 F3FFF3

 3A613C

 3A613C

 306133

 446145

■ 27612A

■ 4D614E

■ 1D6120

■ 576158

■ 136117

■ 616161

■ 09610E

■ 6B616A

■ 006105

■ 746173

■ 7E617C

■ 886186

■ 91618F

# Harmonies

## Analogous

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



555C2D



3A613C



146452

# Triad

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



3A613C



275C85



834748

# Complementary

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



3A613C



613A5F

# 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.



80465E



3A613C



525482

# Square

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



3A613C



00617C



6F4C74



7B4D35

# Rectangle

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



3A613C



006462



6F4C74



83464F



# Sweetspot

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



3A613C



6E7D6F



5F613A



374037



BFBFBF



404040



# Same Dimension

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



3A613C



417D44



3A614F



2C302C



007006



00F00C



# Inverse Universe

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



613A5F



7D417A



613A4C



302C30



70006A

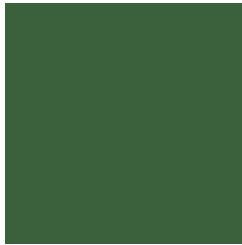


F000E3



# Previews

## White Background



This preview shows how the Hex color 3A613C looks on a white background.

## Color Contrast Check

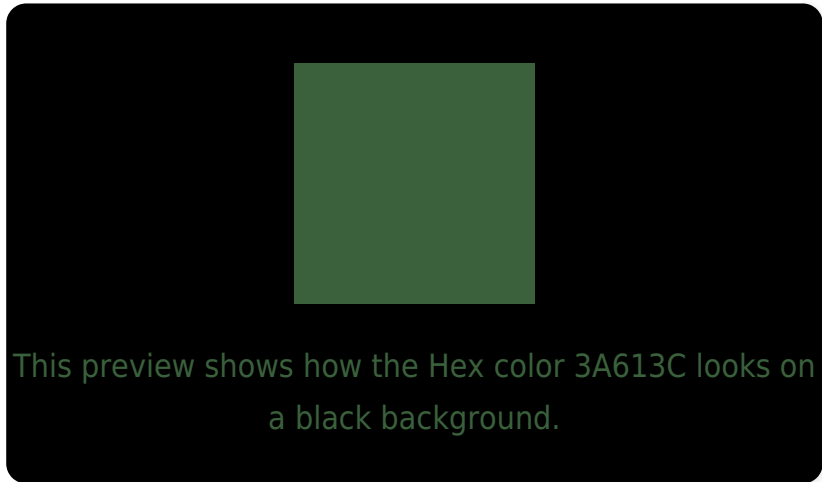
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

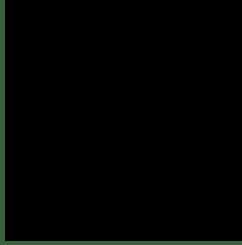
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3A613C Background



This preview shows how black text looks on a background with the Hex color 3A613C.



This preview shows how white text looks on a background with the Hex color 3A613C.

# 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**  
3A613C

**Protanopia**  
605838

**Deuteranopia**  
68543F



**Tritanopia**  
425C64

# Trichromacy



**Original Color**  
3A613C

**Protanomaly**  
525B39

**Deuteranomaly**  
57593E

**Tritanomaly**  
3F5E55

# Monochromacy



**Original Color**  
3A613C

**Achromatopsia**  
515151

**Achromatomaly**  
495749

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A613C 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 #3A613C looks like.

```
.text, #text, p{  
    color:#3A613C  
}
```

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 #3A613C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A613C
}
```

## Border

The CSS property to change the border of an element to Hex 3A613C 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".

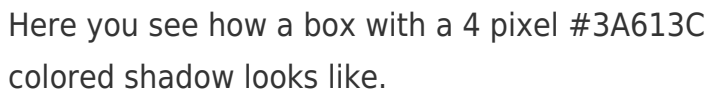
```
.border, #border, table{ border:4px solid
#3A613C }
```

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

```
.border{ border-color:#3A613C }
```

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

Here you see how a box with a 4 pixel #3A613C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A613C; -webkit-box-shadow:4px 4px  
4px 4px #3A613C; box-shadow:4px 4px 4px  
4px #3A613C }
```

# Background

The CSS property to change the background color of an element to Hex 3A613C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A613C }
```

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

```
.background{ background-color:#3A613C }
```

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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