

Converting Colors

Hex(3C6F49)

Have a look what the booklet for
Hex(3C6F49) contains.

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Color

Hex(3C6F49)

Conversions

Conversions Part 1

Format	Color
Hex	3C6F49
RGB	60, 111, 73
RGB Percent	24%, 44%, 29%
CMY	0.7647, 0.5647, 0.7137
CMYK	0.46, 0.00, 0.34, 0.56
HSL	135°, 30%, 34%
HSV	135°, 46%, 44%
XYZ	8.7505, 12.8106, 8.3148
YIQ	91.4190, -18.1980, -22.6300

Conversions

Conversions Part 2

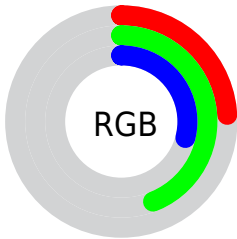
Format	Color
RYB	60, 101, 111
Decimal	3960649
CIELab	42.48, -26.28, 15.97
CIELCh	42, 30.754, 148.716
Yxy	12.8106, 0.2929, 0.4288
Android (android.graphics.Color)	4282150729 (0xFF3C6F49)
YUV	91.4190, -9.0806, -27.5545
Hunter-Lab	35.7919, -18.9955, 11.2806

Details

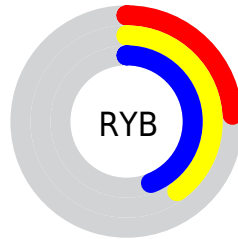
The Hex color **3C6F49** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6F3C62**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **6EA37A**, and **073F1D** is the 20% darker color. If you saturate the color by 10%, you get **316F41**, and if you desaturate by 10%, it is **476F51**.

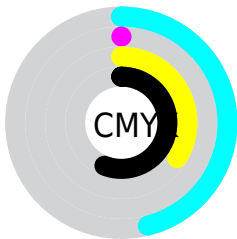
Distribution



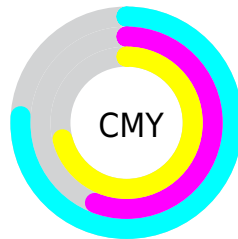
- Red (24%)
- Green (44%)
- Blue (29%)



- Red (24%)
- Yellow (40%)
- Blue (44%)



- Cyan (46%)
- Magenta (0%)
- Yellow (34%)
- Black (56%)



- Cyan (76%)
- Magenta (56%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C6F49 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 3C6F49 by changing the saturation by 10% instead.

■ 3C6F49

■ 3C6F49

FFFFFF

■ 235632

■ 6EA37A

■ 073F1D

■ 89BE94

■ 002805

■ A3DAAE

■ 001000

■ BFF7CA

■ 000000

■ DBFFE6

■ F8FFFF

■ 3C6F49

■ 3C6F49

■ 316F41

■ 476F51

 266F38

 526F5A

 1B6F30

 5D6F62

 106F28

 686F6A

 046F20

 746F72

 006F1C

 7F6F7B

 8A6F83

 956F8B

 A06F93

Harmonies

Analogous

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



5B6A36



3C6F49



077162

Triad

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



3C6F49



386797



94524D

Complementary

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



3C6F49



6F3C62

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.



925066



3C6F49



655E91

Square

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



3C6F49



006E8F



83557F



895939

Rectangle

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



3C6F49



007174



83557F



955055

Sweetspot

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



3C6F49



7D9182



626F3C



3D4A41



C9C9C9



4A4A4A

Same Dimension

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



3C6F49



419156



3C6F62



323834



00781F



00F73F

Inverse Universe

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



6F3C62



91417D



6F3C49



383237



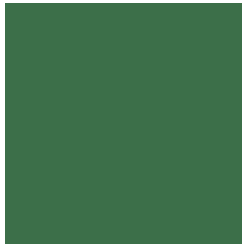
780059



F700B8

Previews

White Background



This preview shows how the Hex color 3C6F49 looks on a white background.

Color Contrast Check

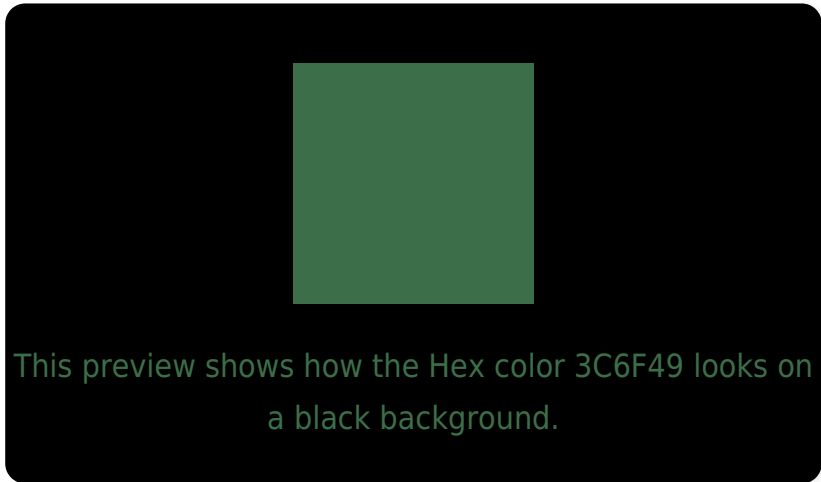
Large Text (above 18pt) WCAG AA ✓ Pass

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

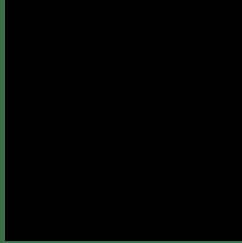
Any Text WCAG AA × Fail

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 3C6F49 Background



This preview shows how black text looks on a background with the Hex color 3C6F49.



This preview shows how white text looks on a background with the Hex color 3C6F49.

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
466A72

Trichromacy



Original Color
3C6F49

Protanomaly
5B6846

Deuteranomaly
60654B

Tritanomaly
426C63

Monochromacy



Original Color
3C6F49

Achromatopsia
5B5B5B

Achromatomaly
506254

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C6F49 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 #3C6F49 looks like.

```
.text, #text, p{  
    color:#3C6F49  
}
```

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 #3C6F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6F49
}
```

Border

The CSS property to change the border of an element to Hex 3C6F49 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".

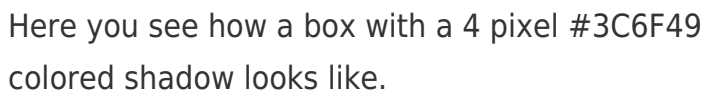
```
.border, #border, table{ border:4px solid
#3C6F49 }
```

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

```
.border{ border-color:#3C6F49 }
```

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

Here you see how a box with a 4 pixel #3C6F49 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6F49; -webkit-box-shadow:4px 4px  
4px 4px #3C6F49; box-shadow:4px 4px 4px  
4px #3C6F49 }
```

Background

The CSS property to change the background color of an element to Hex 3C6F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6F49 }
```

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

```
.background{ background-color:#3C6F49 }
```

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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