

Converting Colors

Hex(3C6F4E)

Have a look what the booklet for
Hex(3C6F4E) contains.

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Color

Hex(3C6F4E)

Conversions

Conversions Part 1

Format	Color
Hex	3C6F4E
RGB	60, 111, 78
RGB Percent	24%, 44%, 31%
CMY	0.7647, 0.5647, 0.6941
CMYK	0.46, 0.00, 0.30, 0.56
HSL	141°, 30%, 34%
HSV	141°, 46%, 44%
XYZ	8.9231, 12.8796, 9.2234
YIQ	91.9890, -19.8030, -21.0750

Conversions

Conversions Part 2

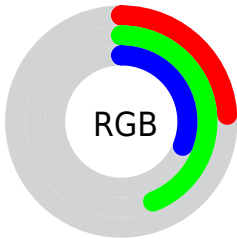
Format	Color
RYB	60, 98, 111
Decimal	3960654
CIELab	42.58, -25.26, 13.17
CIElCh	43, 28.485, 152.471
Yxy	12.8796, 0.2876, 0.4151
Android (android.graphics.Color)	4282150734 (0xFF3C6F4E)
YUV	91.9890, -6.8966, -28.0544
Hunter-Lab	35.8882, -18.4229, 9.8839

Details

The Hex color **3C6F4E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6F3C5D**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **6EA37F**, and **073F21** is the 20% darker color. If you saturate the color by 10%, you get **316F47**, and if you desaturate by 10%, it is **476F55**.

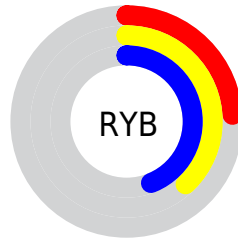
Distribution



Red (24%)

Green (44%)

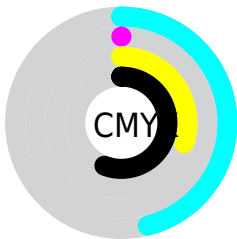
Blue (31%)



Red (24%)

Yellow (38%)

Blue (44%)

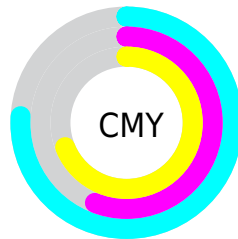


Cyan (46%)

Magenta (0%)

Yellow (30%)

Black (56%)



Cyan (76%)

Magenta (56%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C6F4E 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 3C6F4E by changing the saturation by 10% instead.

 3C6F4E

 3C6F4E

FFFFFF

 235637

 6EA37F

 073F21

 88BE99

 00280C

 A3DAB4

 001000

 BFF7D0

 000000

 DBFFEC

 F8FFFF

 3C6F4E

 3C6F4E

 316F47

 476F55

■ 266F40

■ 526F5C

■ 1B6F38

■ 5D6F64

■ 106F31

■ 686F6B

■ 046F2A

■ 746F72

■ 006F27

■ 7F6F79

■ 8A6F80

■ 956F87

■ A06F8F

Harmonies

Analogous

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



596B3C



3C6F4E



137166

Triad

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



3C6F4E



446693



90544D

Complementary

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



3C6F4E



6F3C5D

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.



915263



3C6F4E



695E8C

Square

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



3C6F4E



0B6D8E



84567B



855C3B

Rectangle

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



3C6F4E



007176



84567B



925354

Sweetspot

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



3C6F4E



7D9184



5D6F3C



3D4A42



C9C9C9



4A4A4A

Same Dimension

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



3C6F4E



41915E



3C6F67



323834



00782A



00F757

Inverse Universe

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



6F3C5D



914175



6F3C44



383236



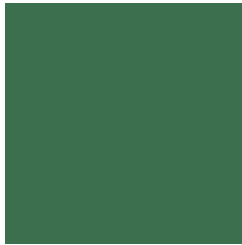
78004E



F700A0

Previews

White Background



This preview shows how the Hex color 3C6F4E looks on a white background.

Color Contrast Check

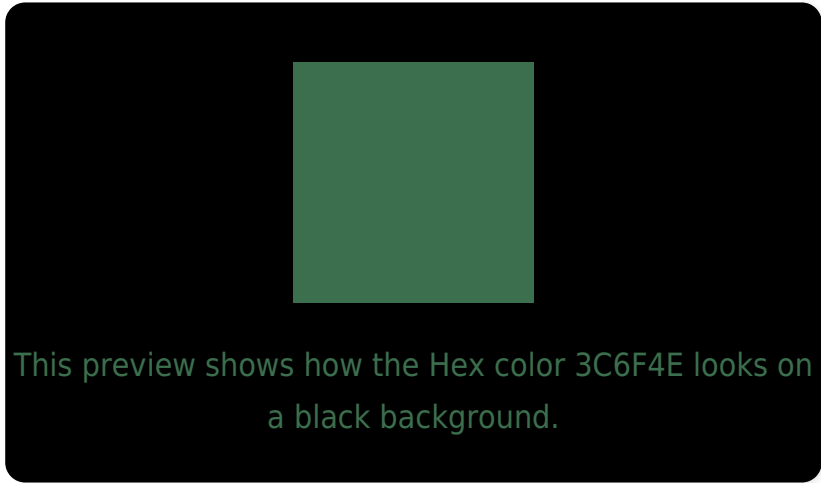
Large Text (above 18pt) WCAG AA ✓ Pass

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

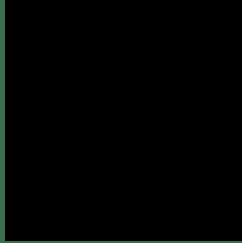
Any Text WCAG AA × Fail

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 3C6F4E Background



This preview shows how black text looks on a background with the Hex color 3C6F4E.



This preview shows how white text looks on a background with the Hex color 3C6F4E.

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
3C6F4E

Protanopia
6C6449

Deuteranopia
746051



Tritanopia
456A73

Trichromacy



Original Color
3C6F4E

Protanomaly
5B684B

Deuteranomaly
606550

Tritanomaly
426C66

Monochromacy



Original Color
3C6F4E

Achromatopsia
5C5C5C

Achromatomaly
506357

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C6F4E 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 #3C6F4E looks like.

```
.text, #text, p{  
    color:#3C6F4E  
}
```

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 #3C6F4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6F4E
}
```

Border

The CSS property to change the border of an element to Hex 3C6F4E 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".

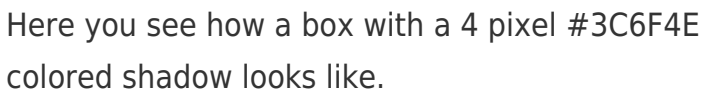
```
.border, #border, table{ border:4px solid
#3C6F4E }
```

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

```
.border{ border-color:#3C6F4E }
```

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

Here you see how a box with a 4 pixel #3C6F4E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6F4E; -webkit-box-shadow:4px 4px  
4px 4px #3C6F4E; box-shadow:4px 4px 4px  
4px #3C6F4E }
```

Background

The CSS property to change the background color of an element to Hex 3C6F4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6F4E }
```

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

```
.background{ background-color:#3C6F4E }
```

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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