

Converting Colors

Hex(3F6A44)

Have a look what the booklet for
Hex(3F6A44) contains.

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Color

Hex(3F6A44)

Conversions

Conversions Part 1

Format	Color
Hex	3F6A44
RGB	63, 106, 68
RGB Percent	25%, 42%, 27%
CMY	0.7529, 0.5843, 0.7333
CMYK	0.41, 0.00, 0.36, 0.58
HSL	127°, 25%, 33%
HSV	127°, 41%, 42%
XYZ	8.2473, 11.7822, 7.3084
YIQ	88.8110, -13.4300, -20.9340

Conversions

Conversions Part 2

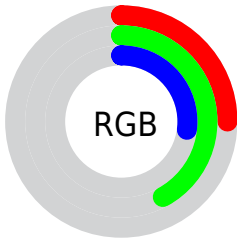
Format	Color
RYB	63, 102, 106
Decimal	4155972
CIELab	40.87, -23.76, 16.77
CIELCh	41, 29.083, 144.791
Yxy	11.7822, 0.3017, 0.4310
Android (android.graphics.Color)	4282346052 (0xFF3F6A44)
YUV	88.8110, -10.2598, -22.6362
Hunter-Lab	34.3252, -17.1808, 11.4039

Details

The Hex color **3F6A44** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6A3F65**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **719E74**, and **0E3A18** is the 20% darker color. If you saturate the color by 10%, you get **346A3B**, and if you desaturate by 10%, it is **4A6A4D**.

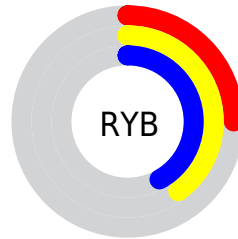
Distribution



Red (25%)

Green (42%)

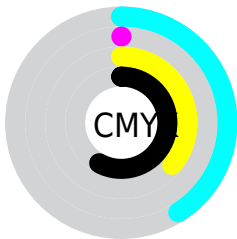
Blue (27%)



Red (25%)

Yellow (40%)

Blue (42%)

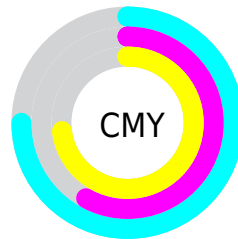


Cyan (41%)

Magenta (0%)

Yellow (36%)

Black (58%)



Cyan (75%)

Magenta (58%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F6A44 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 3F6A44 by changing the saturation by 10% instead.



3F6A44



3F6A44

FFFFFF



27522D



719E74



0E3A18



8BB98E



002400



A6D4A9



000600



C1F1C4



000000



DDFFE0



FAFFFD



3F6A44



3F6A44



346A3B



4A6A4D

 2A6A31

 546A57

 1F6A28

 5F6A60

 156A1F

 696A69

 0A6A15

 746A73

 006A0C

 7F6A7C

 896A86

 946A8F

 9E6A98

Harmonies

Analogous

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



5B6534



3F6A44



176D5B

Triad

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



3F6A44



31648F



8E4E4E

Complementary

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



3F6A44



6A3F65

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.



8B4D66



3F6A44



5C5C8C

Square

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



3F6A44



006A87



7A537C



85553A

Rectangle

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



3F6A44



006D6C



7A537C



8E4D55

Sweetspot

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



3F6A44



798A7B



666A3F



3B453C



C4C4C4



454545

Same Dimension

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



3F6A44



468A4E



3F6A59



303631



00750E



00F51C

Inverse Universe

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



6A3F65



8A4682



6A3F50



363035



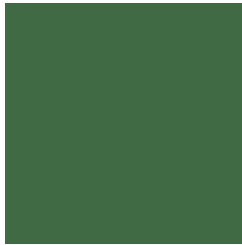
750068



F500D8

Previews

White Background



This preview shows how the Hex color 3F6A44 looks on a white background.

Color Contrast Check

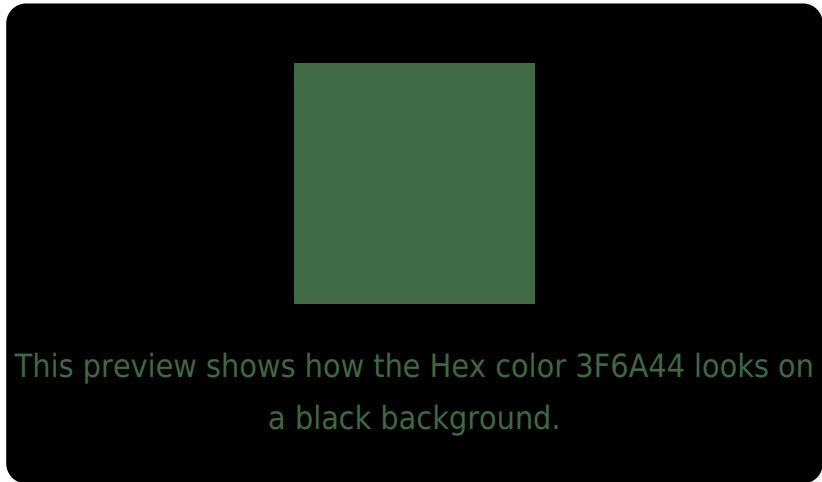
Large Text (above 18pt) WCAG AA ✓ Pass

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

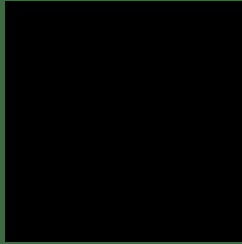
Any Text WCAG AA × Fail

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 3F6A44 Background



This preview shows how black text looks on a background with the Hex color 3F6A44.



This preview shows how white text looks on a background with the Hex color 3F6A44.

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
3F6A44

Protanopia
686040

Deuteranopia
715C47



Tritanopia
47656D

Trichromacy



Original Color
3F6A44

Protanomaly
596441

Deuteranomaly
5F6146

Tritanomaly
44675E

Monochromacy



Original Color
3F6A44

Achromatopsia
595959

Achromatomaly
505F51

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F6A44 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 #3F6A44 looks like.

```
.text, #text, p{  
    color:#3F6A44  
}
```

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 #3F6A44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6A44
}
```

Border

The CSS property to change the border of an element to Hex 3F6A44 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
#3F6A44 }
```

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

```
.border{ border-color:#3F6A44 }
```

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

Here you see how a box with a 4 pixel #3F6A44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6A44; -webkit-box-shadow:4px 4px  
4px 4px #3F6A44; box-shadow:4px 4px 4px  
4px #3F6A44 }
```

Background

The CSS property to change the background color of an element to Hex 3F6A44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6A44 }
```

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

```
.background{ background-color:#3F6A44 }
```

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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