

Converting Colors

Hex(3E684B)

Have a look what the booklet for
Hex(3E684B) contains.

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Color

Hex(3E684B)

Conversions

Conversions Part 1

Format	Color
Hex	3E684B
RGB	62, 104, 75
RGB Percent	24%, 41%, 29%
CMY	0.7569, 0.5922, 0.7059
CMYK	0.40, 0.00, 0.28, 0.59
HSL	139°, 25%, 33%
HSV	139°, 40%, 41%
XYZ	8.2069, 11.4328, 8.4308
YIQ	88.1360, -15.7230, -17.9230

Conversions

Conversions Part 2

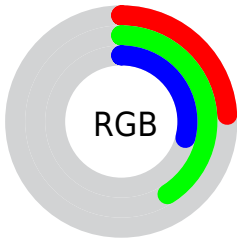
Format	Color
RYB	62, 94, 104
Decimal	4089931
CIELab	40.30, -21.68, 11.82
CIElCh	40, 24.692, 151.388
Yxy	11.4328, 0.2924, 0.4073
Android (android.graphics.Color)	4282280011 (0xFF3E684B)
YUV	88.1360, -6.4760, -22.9213
Hunter-Lab	33.8124, -15.8462, 8.8852

Details

The Hex color **3E684B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **683E5B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6F9B7C**, and **0E381F** is the 20% darker color. If you saturate the color by 10%, you get **346844**, and if you desaturate by 10%, it is **486852**.

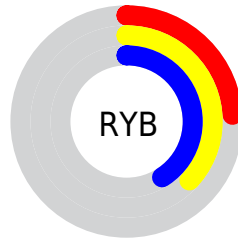
Distribution



Red (24%)

Green (41%)

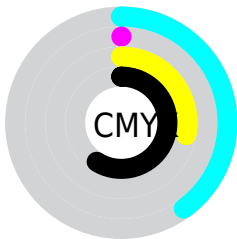
Blue (29%)



Red (24%)

Yellow (37%)

Blue (41%)

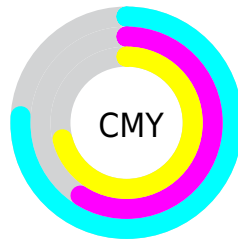


Cyan (40%)

Magenta (0%)

Yellow (28%)

Black (59%)



Cyan (76%)

Magenta (59%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E684B 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 3E684B by changing the saturation by 10% instead.

 3E684B

 3E684B

FFFFFF

 265034

 6F9B7C

 0E381F

 89B696

 002308

 A4D2B0

 000200

 C0EFCC

 000000

 DCFE8

 F8FFFF

 3E684B

 3E684B

 346844

 486852

■ 29683D

■ 536859

■ 1F6835

■ 5D6861

■ 14682E

■ 686868

■ 0A6827

■ 72686F

■ 006820

■ 7C6876

■ 87687D

■ 916884

■ 9C688C

Harmonies

Analogous

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



56643C



3E684B



226A5F

Triad

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



3E684B



436187



85514B

Complementary

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



3E684B



683E5B

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.



854F5F



3E684B



635981

Square

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



3E684B



1F6682



795373



7C573C

Rectangle

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



3E684B



0E6A6D



795373



865051

Sweetspot

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



3E684B



77877C



5B683E



3B453E



C4C4C4



454545

Same Dimension

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



3E684B



46875A



3E6860



2E332F



007324



00F24B

Inverse Universe

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



683E5B



874673



683E46



332E31



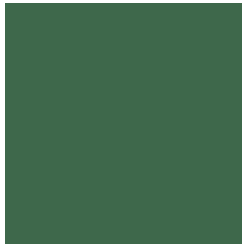
73004F



F200A7

Previews

White Background



This preview shows how the Hex color 3E684B looks on a white background.

Color Contrast Check

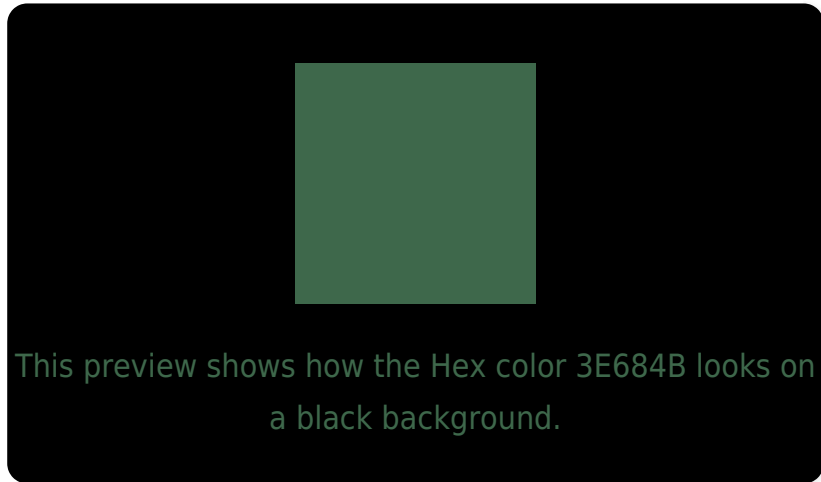
Large Text (above 18pt) WCAG AA ✓ Pass

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

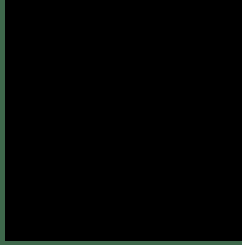
Any Text WCAG AA × Fail

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 3E684B Background



This preview shows how black text looks on a background with the Hex color 3E684B.



This preview shows how white text looks on a background with the Hex color 3E684B.

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
3E684B

Protanopia
655E47

Deuteranopia
6E5B4E



Tritanopia
45646C

Trichromacy



Original Color
3E684B

Protanomaly
576248

Deuteranomaly
5D604D

Tritanomaly
426560

Monochromacy



Original Color
3E684B

Achromatopsia
585858

Achromatomaly
4F5E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E684B 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 #3E684B looks like.

```
.text, #text, p{  
    color:#3E684B  
}
```

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 #3E684B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E684B
}
```

Border

The CSS property to change the border of an element to Hex 3E684B 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
#3E684B }
```

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

```
.border{ border-color:#3E684B }
```

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

Here you see how a box with a 4 pixel #3E684B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E684B; -webkit-box-shadow:4px 4px  
4px 4px #3E684B; box-shadow:4px 4px 4px  
4px #3E684B }
```

Background

The CSS property to change the background color of an element to Hex 3E684B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E684B }
```

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

```
.background{ background-color:#3E684B }
```

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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