

Converting Colors

Hex(3E804E)

Have a look what the booklet for
Hex(3E804E) contains.

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Color

Hex(3E804E)

Conversions

Conversions Part 1

Format	Color
Hex	3E804E
RGB	62, 128, 78
RGB Percent	24%, 50%, 31%
CMY	0.7569, 0.4980, 0.6941
CMYK	0.52, 0.00, 0.39, 0.50
HSL	135°, 35%, 37%
HSV	135°, 52%, 50%
XYZ	11.0809, 17.0125, 9.9074
YIQ	102.5660, -23.2860, -29.5420

Conversions

Conversions Part 2

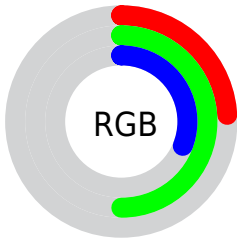
Format	Color
R _{YB}	62, 115, 128
Decimal	4096078
CIE Lab	48.28, -32.79, 20.86
CIE LCh	48, 38.868, 147.534
Yxy	17.0125, 0.2916, 0.4477
Android (android.graphics.Color)	4282286158 (0xFF3E804E)
YUV	102.5660, -12.1110, -35.5764
Hunter-Lab	41.2463, -24.2264, 14.6308

Details

The Hex color **3E804E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **803E70**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **72B580**, and **014E21** is the 20% darker color. If you saturate the color by 10%, you get **318044**, and if you desaturate by 10%, it is **4B8058**.

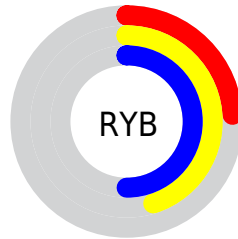
Distribution



Red (24%)

Green (50%)

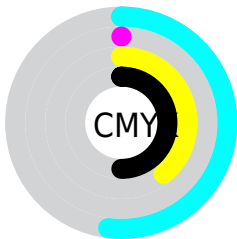
Blue (31%)



Red (24%)

Yellow (45%)

Blue (50%)

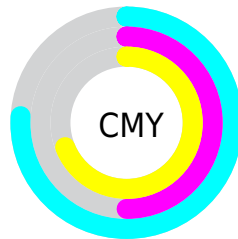


Cyan (52%)

Magenta (0%)

Yellow (39%)

Black (50%)



Cyan (76%)

Magenta (50%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E804E 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 3E804E by changing the saturation by 10% instead.



3E804E



3E804E

FFFFFF



236737



72B580



014E21



8DD19A



00360B



A8EEB5



002300



C4FFD0



000000



E1FFED

FEFFFF



3E804E



3E804E



318044



4B8058

 24803B

 588061

 188031

 64806B

 0B8027

 718075

 00801F

 7E807E

 8B8088

 988092

 A4809C

 B180A5

Harmonies

Analogous

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



677A36



3E804E



00836F

Triad

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



3E804E



2C77B4



AF5956

Complementary

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



3E804E



803E70

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.



AD5777



3E804E



706BAD

Square

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



3E804E



007FA9



995E96



A1643C

Rectangle

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



3E804E



008385



995E96



B05761

Sweetspot

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



3E804E



8DA693



71803E



455449



D4D4D4



545454

Same Dimension

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



3E804E



3FA658



3E806E



39403B



00801F



000000

Inverse Universe

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



803E70



A63F8D



803E50



40393E



800061



000000

Previews

White Background



This preview shows how the Hex color 3E804E looks on a white background.

Color Contrast Check

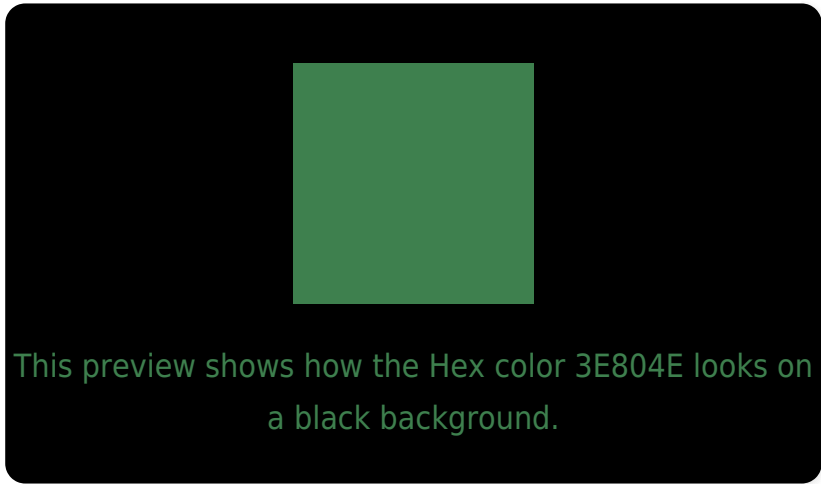
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E804E Background



This preview shows how black text looks on a background with the Hex color 3E804E.



This preview shows how white text looks on a background with the Hex color 3E804E.

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
3E804E

Protanopia
7C7248

Deuteranopia
876D52



Tritanopia
4B7A83

Trichromacy



Original Color
3E804E

Protanomaly
65774A

Deuteranomaly
6C7451

Tritanomaly
467C70

Monochromacy



Original Color
3E804E

Achromatopsia
676767

Achromatomaly
58705E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E804E 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 #3E804E looks like.

```
.text, #text, p{  
    color:#3E804E  
}
```

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 #3E804E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E804E
}
```

Border

The CSS property to change the border of an element to Hex 3E804E 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".

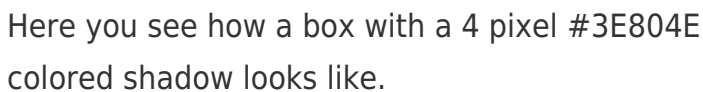
```
.border, #border, table{ border:4px solid
#3E804E }
```

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

```
.border{ border-color:#3E804E }
```

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

Here you see how a box with a 4 pixel #3E804E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E804E; -webkit-box-shadow:4px 4px  
4px 4px #3E804E; box-shadow:4px 4px 4px  
4px #3E804E }
```

Background

The CSS property to change the background color of an element to Hex 3E804E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E804E }
```

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

```
.background{ background-color:#3E804E }
```

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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