

Converting Colors

Hex(3E766B)

Have a look what the booklet for
Hex(3E766B) contains.

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Color

Hex(3E766B)

Conversions

Conversions Part 1

Format	Color
Hex	3E766B
RGB	62, 118, 107
RGB Percent	24%, 46%, 42%
CMY	0.7569, 0.5373, 0.5804
CMYK	0.47, 0.00, 0.09, 0.54
HSL	168°, 31%, 35%
HSV	168°, 47%, 46%
XYZ	11.1189, 15.0425, 16.2274
YIQ	100.0020, -29.8450, -15.2930

Conversions

Conversions Part 2

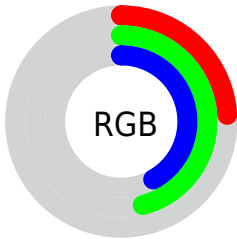
Format	Color
R_{YB}	62, 93, 118
Decimal	4093547
CIE _{Lab}	45.69, -21.38, 0.33
CIE _{LCh}	46, 21.381, 179.119
Yxy	15.0425, 0.2623, 0.3549
Android (android.graphics.Color)	4282283627 (0xFF3E766B)
YUV	100.0020, 3.4500, -33.3278
Hunter-Lab	38.7847, -16.7005, 2.3426

Details

The Hex color **3E766B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **763E49**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **71AA9E**, and **05453C** is the 20% darker color. If you saturate the color by 10%, you get **327669**, and if you desaturate by 10%, it is **4A766D**.

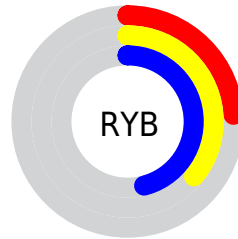
Distribution



Red (24%)

Green (46%)

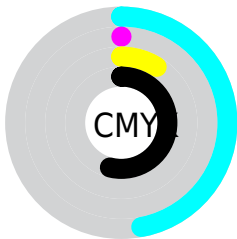
Blue (42%)



Red (24%)

Yellow (36%)

Blue (46%)

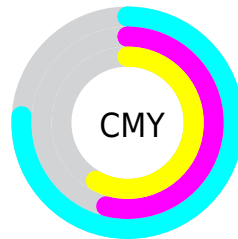


Cyan (47%)

Magenta (0%)

Yellow (9%)

Black (54%)



Cyan (76%)

Magenta (54%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E766B 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 3E766B by changing the saturation by 10% instead.



3E766B



3E766B

FFFFFF



245D53



71AA9E



05453C



8CC6B9



002F26



A7E2D5



001C11



C3FFF1



000000



DFFFFF



FCFFFF



3E766B



3E766B



327669



4A766D

■ 267666

■ 567670

■ 1B7664

■ 617672

■ 0F7662

■ 6D7674

■ 03765F

■ 797677

■ 00765F

■ 857679

■ 91767B

■ 9C767E

■ A87680

Harmonies

Analogous

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



527459



3E766B



33767D

Triad

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



3E766B



6E688B



88654E

Complementary

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



3E766B



763E49

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.



8F605C



3E766B



83627F

Square

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



3E766B



546E90



8E5F6D



796B48

Rectangle

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



3E766B



377487



8E5F6D



8B6352

Sweetspot

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



3E766B



849995



49763E



3F4D4A



CCCCCC



4D4D4D

Same Dimension

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



3E766B



429988



3E6576



353B39



007A62



00FAC9

Inverse Universe

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



763E49



994253



764F3E



3B3536



7A0018



FA0031

Previews

White Background



This preview shows how the Hex color 3E766B looks on a white background.

Color Contrast Check

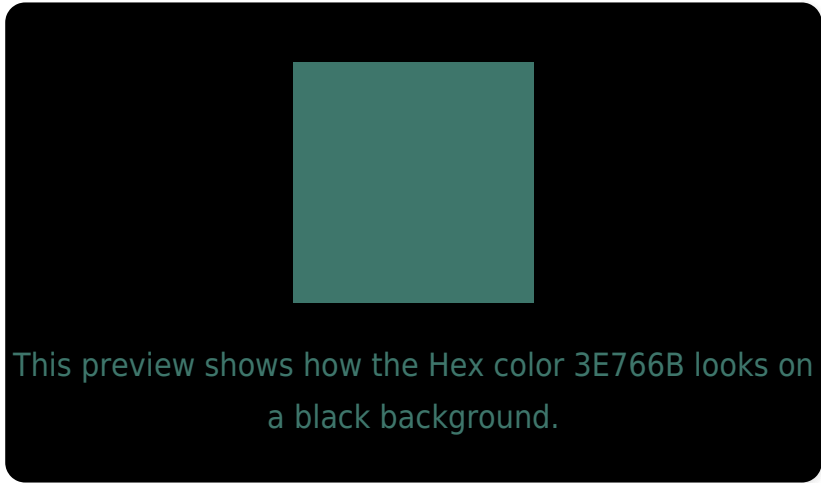
Large Text (above 18pt) WCAG AA ✓ Pass

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

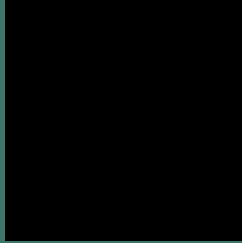
Any Text WCAG AA × Fail

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 3E766B Background



This preview shows how black text looks on a background with the Hex color 3E766B.

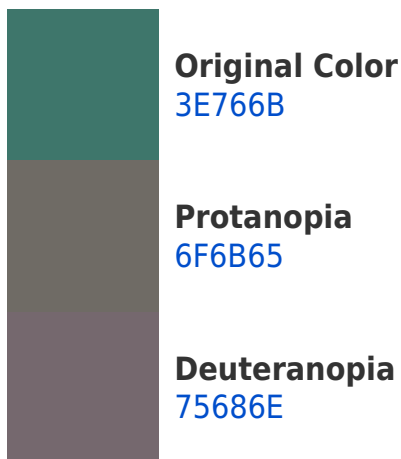


This preview shows how white text looks on a background with the Hex color 3E766B.

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](#).

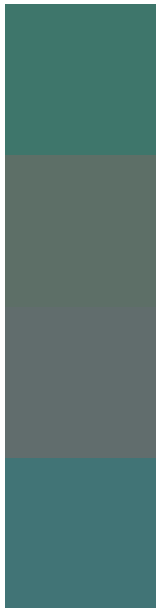
Dichromacy





Tritanopia
43737D

Trichromacy



Original Color
3E766B

Protanomaly
5D6F67

Deuteranomaly
616D6D

Tritanomaly
417476

Monochromacy



Original Color
3E766B

Achromatopsia
646464

Achromatomaly
566B67

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E766B 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 #3E766B looks like.

```
.text, #text, p{  
    color:#3E766B  
}
```

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 #3E766B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E766B
}
```

Border

The CSS property to change the border of an element to Hex 3E766B 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
#3E766B }
```

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

```
.border{ border-color:#3E766B }
```

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

Here you see how a box with a 4 pixel #3E766B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E766B; -webkit-box-shadow:4px 4px  
4px 4px #3E766B; box-shadow:4px 4px 4px  
4px #3E766B }
```

Background

The CSS property to change the background color of an element to Hex 3E766B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E766B }
```

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

```
.background{ background-color:#3E766B }
```

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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