

Converting Colors

Hex(3E7E6A)

Have a look what the booklet for
Hex(3E7E6A) contains.

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Color

Hex(3E7E6A)

Conversions

Conversions Part 1

Format	Color
Hex	3E7E6A
RGB	62, 126, 106
RGB Percent	24%, 49%, 42%
CMY	0.7569, 0.5059, 0.5843
CMYK	0.51, 0.00, 0.16, 0.51
HSL	161°, 34%, 37%
HSV	161°, 51%, 49%
XYZ	12.0490, 16.9864, 16.2793
YIQ	104.5840, -31.7240, -19.7880

Conversions

Conversions Part 2

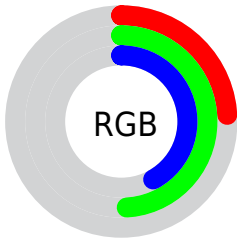
Format	Color
RYB	62, 100, 126
Decimal	4095594
CIELab	48.24, -25.74, 4.61
CIELCh	48, 26.146, 169.838
Yxy	16.9864, 0.2659, 0.3749
Android (android.graphics.Color)	4282285674 (0xFF3E7E6A)
YUV	104.5840, 0.6981, -37.3462
Hunter-Lab	41.2146, -19.9416, 5.4313

Details

The Hex color **3E7E6A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7E3E52**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **72B39D**, and **014C3B** is the 20% darker color. If you saturate the color by 10%, you get **317E66**, and if you desaturate by 10%, it is **4B7E6E**.

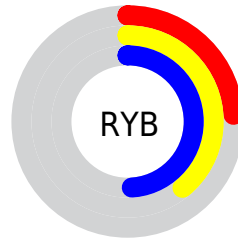
Distribution



Red (24%)

Green (49%)

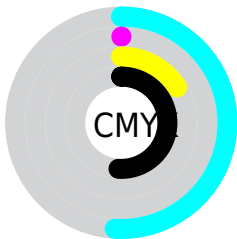
Blue (42%)



Red (24%)

Yellow (39%)

Blue (49%)

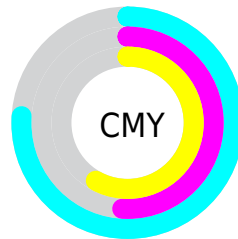


Cyan (51%)

Magenta (0%)

Yellow (16%)

Black (51%)



Cyan (76%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7E6A 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 3E7E6A by changing the saturation by 10% instead.



3E7E6A



3E7E6A

FFFFFF



236552



72B39D



014C3B



8DCFB8



003525



A8EBD4



002110



C4FFF0



000000



E1FFFF

FEFFFF



3E7E6A



3E7E6A



317E66



4B7E6E

■ 257E62

■ 577E72

■ 187E5E

■ 647E76

■ 0C7E5A

■ 707E7A

■ 007E57

■ 7D7E7E

■ 8A7E82

■ 967E86

■ A37E8A

■ AF7E8D

Harmonies

Analogous

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



597B55



3E7E6A



257E81

Triad

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



3E7E6A



6B709C



986752

Complementary

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



3E7E6A



7E3E52

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.



9E6265



3E7E6A



87688F

Square

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



3E7E6A



47779E



99627B



886F47

Rectangle

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



3E7E6A



227D8E



99627B



9B6557

Sweetspot

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



3E7E6A



8BA39C



527E3E



43524D



D1D1D1



525252

Same Dimension

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



3E7E6A



40A384



3E727E



39403E



008058



000000

Inverse Universe

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



7E3E52



A3405F



7E4A3E



40393B



800028



000000

Previews

White Background



This preview shows how the Hex color 3E7E6A looks on a white background.

Color Contrast Check

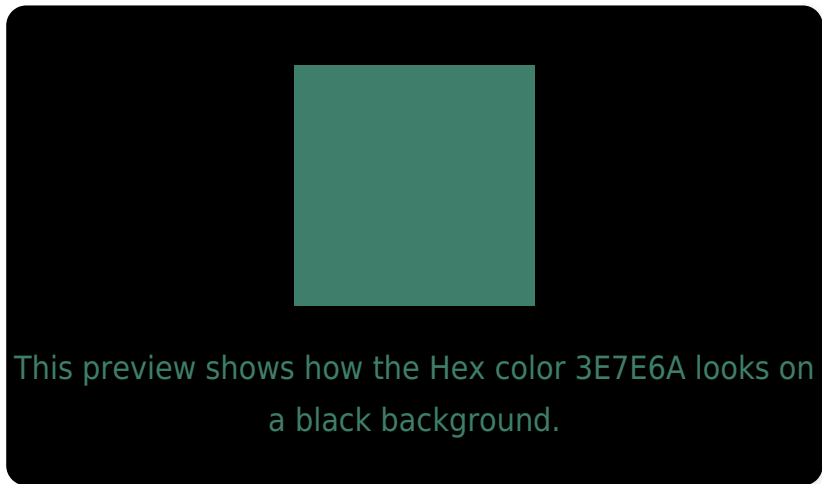
Large Text (above 18pt) WCAG AA ✓ Pass

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

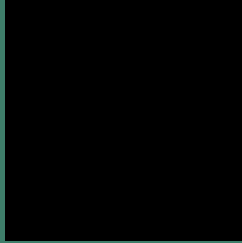
Any Text WCAG AA × Fail

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 3E7E6A Background



This preview shows how black text looks on a background with the Hex color 3E7E6A.

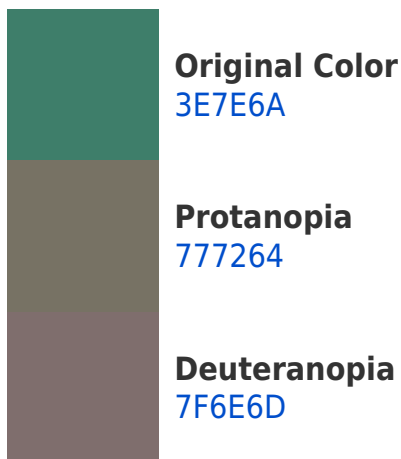



This preview shows how white text looks on a background with the Hex color 3E7E6A.

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



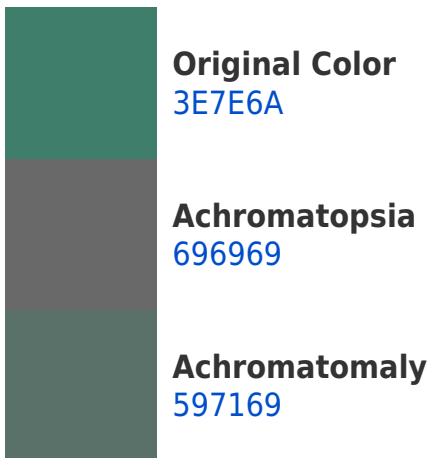


Tritanopia
467A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7E6A 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 #3E7E6A looks like.

```
.text, #text, p{  
    color:#3E7E6A  
}
```

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 #3E7E6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7E6A
}
```

Border

The CSS property to change the border of an element to Hex 3E7E6A 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
#3E7E6A }
```

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

```
.border{ border-color:#3E7E6A }
```

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

Here you see how a box with a 4 pixel #3E7E6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7E6A; -webkit-box-shadow:4px 4px  
4px 4px #3E7E6A; box-shadow:4px 4px 4px  
4px #3E7E6A }
```

Background

The CSS property to change the background color of an element to Hex 3E7E6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7E6A }
```

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

```
.background{ background-color:#3E7E6A }
```

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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