

Converting Colors

Hex(3F7E6B)

Have a look what the booklet for
Hex(3F7E6B) contains.

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Color

Hex(3F7E6B)

Conversions

Conversions Part 1

Format	Color
Hex	3F7E6B
RGB	63, 126, 107
RGB Percent	25%, 49%, 42%
CMY	0.7529, 0.5059, 0.5804
CMYK	0.50, 0.00, 0.15, 0.51
HSL	162°, 33%, 37%
HSV	162°, 50%, 49%
XYZ	12.1646, 17.0400, 16.5578
YIQ	104.9970, -31.4490, -19.2650

Conversions

Conversions Part 2

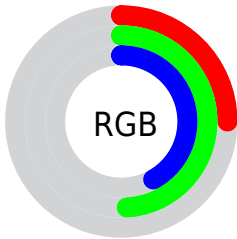
Format	Color
RYB	63, 100, 126
Decimal	4161131
CIELab	48.31, -25.23, 4.13
CIElCh	48, 25.561, 170.707
Yxy	17.0400, 0.2658, 0.3724
Android (android.graphics.Color)	4282351211 (0xFF3F7E6B)
YUV	104.9970, 0.9875, -36.8314
Hunter-Lab	41.2795, -19.6374, 5.1136

Details

The Hex color **3F7E6B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7E3F52**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **73B39E**, and **034C3C** is the 20% darker color. If you saturate the color by 10%, you get **327E67**, and if you desaturate by 10%, it is **4C7E6F**.

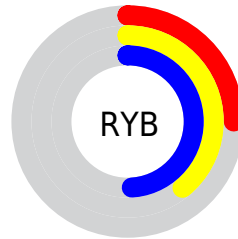
Distribution



Red (25%)

Green (49%)

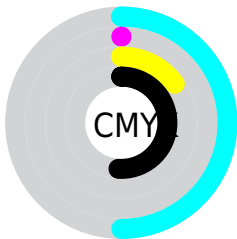
Blue (42%)



Red (25%)

Yellow (39%)

Blue (49%)

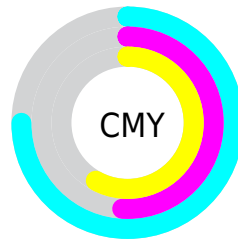


Cyan (50%)

Magenta (0%)

Yellow (15%)

Black (51%)



Cyan (75%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F7E6B 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 3F7E6B by changing the saturation by 10% instead.



3F7E6B



3F7E6B

FFFFFF



256553



73B39E



034C3C



8ECFB9



003526



A9EBD5



002111



C5FFF1



000000



E2FFFF



3F7E6B



3F7E6B



327E67



4C7E6F



267E63



587E73

■ 197E60

■ 657E76

■ 0D7E5C

■ 717E7A

■ 007E58

■ 7E7E7E

■ 8B7E82

■ 977E86

■ A47E89

■ B07E8D

Harmonies

Analogous

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



597B57



3F7E6B



287E81

Triad

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



3F7E6B



6C709B



976852

Complementary

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



3F7E6B



7E3F52

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.



9D6364



3F7E6B



88688E

Square

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



3F7E6B



4A779D



99637A



876F48

Rectangle

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



3F7E6B



267D8E



99637A



9A6658

Sweetspot

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



3F7E6B



8BA39C



537E3F



43524D



D1D1D1



525252

Same Dimension

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



3F7E6B



41A386



3F727E



39403E



008059



000000

Inverse Universe

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



7E3F52



A3415F



7E4B3F



40393B



800026



000000

Previews

White Background



This preview shows how the Hex color 3F7E6B 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

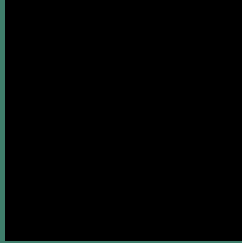
Any Text WCAG AA × Fail

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 3F7E6B Background



This preview shows how black text looks on a background with the Hex color 3F7E6B.

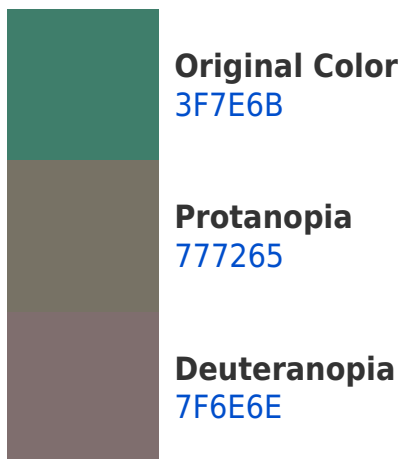


This preview shows how white text looks on a background with the Hex color 3F7E6B.

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



Original Color
3F7E6B

Protanomaly
637667

Deuteranomaly
68746D

Tritanomaly
437B7B

Monochromacy



Original Color
3F7E6B

Achromatopsia
696969

Achromatomaly
5A716A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F7E6B 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 #3F7E6B looks like.

```
.text, #text, p{  
    color:#3F7E6B  
}
```

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 #3F7E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F7E6B
}
```

Border

The CSS property to change the border of an element to Hex 3F7E6B 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
#3F7E6B }
```

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

```
.border{ border-color:#3F7E6B }
```

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

Here you see how a box with a 4 pixel #3F7E6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F7E6B; -webkit-box-shadow:4px 4px  
4px 4px #3F7E6B; box-shadow:4px 4px 4px  
4px #3F7E6B }
```

Background

The CSS property to change the background color of an element to Hex 3F7E6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F7E6B }
```

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

```
.background{ background-color:#3F7E6B }
```

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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