

Converting Colors

Hex(3F7D77)

Have a look what the booklet for
Hex(3F7D77) contains.

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Color

Hex(3F7D77)

Conversions

Conversions Part 1

Format	Color
Hex	3F7D77
RGB	63, 125, 119
RGB Percent	25%, 49%, 47%
CMY	0.7529, 0.5098, 0.5333
CMYK	0.50, 0.00, 0.05, 0.51
HSL	174°, 33%, 37%
HSV	174°, 50%, 49%
XYZ	12.7133, 17.0559, 20.0748
YIQ	105.7780, -35.0260, -15.0100

Conversions

Conversions Part 2

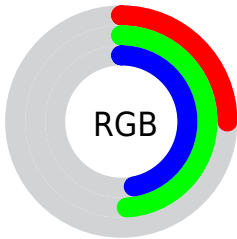
Format	Color
RYB	63, 96, 125
Decimal	4160887
CIELab	48.33, -21.58, -2.92
CIElCh	48, 21.775, 187.697
Yxy	17.0559, 0.2551, 0.3422
Android (android.graphics.Color)	4282350967 (0xFF3F7D77)
YUV	105.7780, 6.5184, -37.5163
Hunter-Lab	41.2988, -17.3240, 0.0890

Details

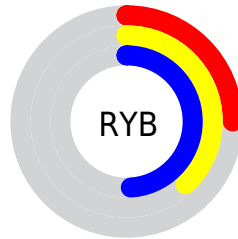
The Hex color **3F7D77** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D3F45**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **73B2AB**, and **014C47** is the 20% darker color. If you saturate the color by 10%, you get **337D76**, and if you desaturate by 10%, it is **4C7D78**.

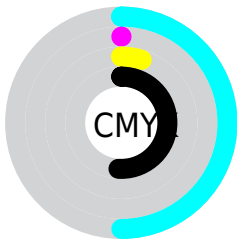
Distribution



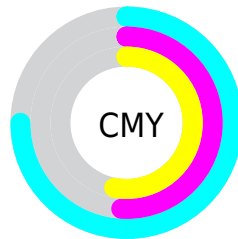
- Red (25%)
- Green (49%)
- Blue (47%)



- Red (25%)
- Yellow (38%)
- Blue (49%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (51%)



- Cyan (75%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F7D77 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 3F7D77 by changing the saturation by 10% instead.

■ 3F7D77

■ 3F7D77

FFFFFF

■ 24645E

■ 73B2AB

■ 014C47

■ 8ECEC6

■ 003530

■ AAFAE2

■ 00201C

■ C6FFFF

■ 000000

■ E2FFFF

■ 3F7D77

■ 3F7D77

■ 337D76

■ 4C7D78

■ 267D75

■ 587D79

■ 1A7D73

■ 657D7B

■ 0D7D72

■ 717D7C

■ 017D71

■ 7E7D7D

■ 007D71

■ 8A7D7E

■ 977D7F

■ A37D81

■ B07D82

Harmonies

Analogous

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



527C64



3F7D77



397C89

Triad

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



3F7D77



7B6C90



8C6D51

Complementary

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



3F7D77



7D3F45

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.



96675D



3F7D77



8E6781

Square

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



3F7D77



627397



97656F



7B734E

Rectangle

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



3F7D77



417A91



97656F



906B54

Sweetspot

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



3F7D77



8BA3A1



457D3F



435250



D1D1D1



525252

Same Dimension

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



3F7D77



41A39A



3F647D



39403F



008073



000000

Inverse Universe

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



7D3F45



A3414B



7D583F



40393A



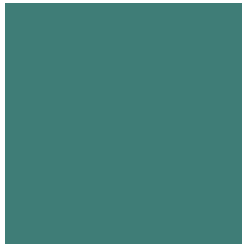
80000C



000000

Previews

White Background



This preview shows how the Hex color 3F7D77 looks on a white background.

Color Contrast Check

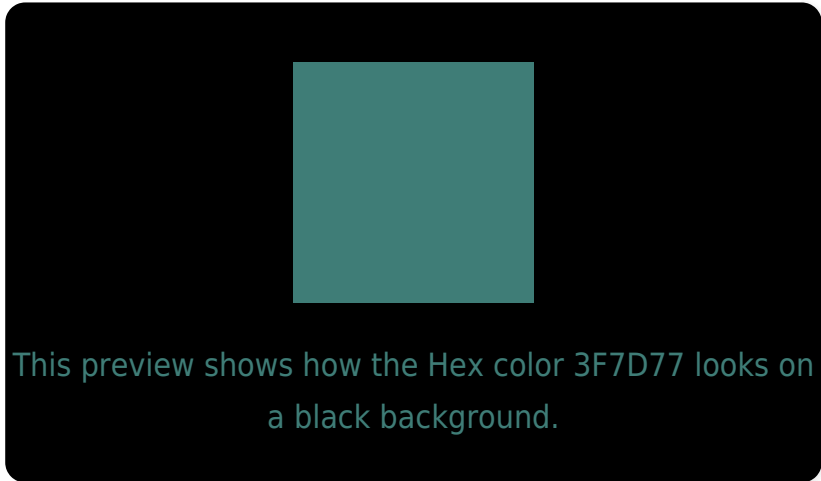
Large Text (above 18pt) WCAG AA ✓ Pass

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

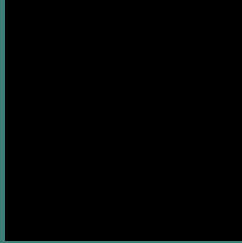
Any Text WCAG AA × Fail

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 3F7D77 Background



This preview shows how black text looks on a background with the Hex color 3F7D77.



This preview shows how white text looks on a background with the Hex color 3F7D77.

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](#).

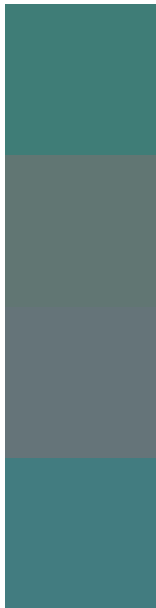
Dichromacy





Tritanopia
437B85

Trichromacy



Original Color
3F7D77

Protanomaly
617673

Deuteranomaly
657479

Tritanomaly
427C80

Monochromacy



Original Color
3F7D77

Achromatopsia
6A6A6A

Achromatomaly
5A716F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F7D77 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 #3F7D77 looks like.

```
.text, #text, p{  
    color:#3F7D77  
}
```

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 #3F7D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F7D77
}
```

Border

The CSS property to change the border of an element to Hex 3F7D77 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
#3F7D77 }
```

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

```
.border{ border-color:#3F7D77 }
```

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

Here you see how a box with a 4 pixel #3F7D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F7D77; -webkit-box-shadow:4px 4px  
4px 4px #3F7D77; box-shadow:4px 4px 4px  
4px #3F7D77 }
```

Background

The CSS property to change the background color of an element to Hex 3F7D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F7D77 }
```

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

```
.background{ background-color:#3F7D77 }
```

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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