

# Converting Colors

Hex(3E7F5D)

Have a look what the booklet for  
Hex(3E7F5D) contains.

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# Color

**Hex(3E7F5D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E7F5D
RGB	62, 127, 93
RGB Percent	24%, 50%, 36%
CMY	0.7569, 0.5020, 0.6353
CMYK	0.51, 0.00, 0.27, 0.50
HSL	149°, 34%, 37%
HSV	149°, 51%, 50%
XYZ	11.5518, 16.9932, 13.0271
YIQ	103.6890, -27.8260, -24.3540

# Conversions

## Conversions Part 2

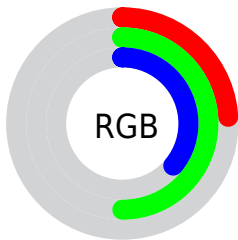
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 106, 127
Decimal	4095837
CIELab	48.25, -29.28, 12.23
CIElCh	48, 31.727, 157.331
Yxy	16.9932, 0.2779, 0.4088
Android (android.graphics.Color)	4282285917 (0xFF3E7F5D)
YUV	103.6890, -5.2697, -36.5613
Hunter-Lab	41.2228, -22.1193, 10.1193

# Details

The Hex color **3E7F5D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7F3E60**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **72B48F**, and **024D2F** is the 20% darker color. If you saturate the color by 10%, you get **317F56**, and if you desaturate by 10%, it is **4B7F64**.

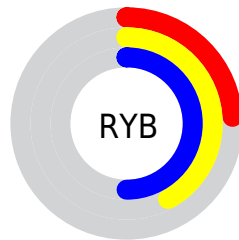
# Distribution



Red (24%)

Green (50%)

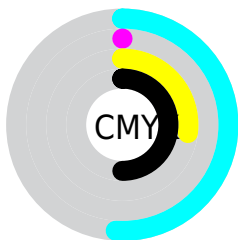
Blue (36%)



Red (24%)

Yellow (42%)

Blue (50%)

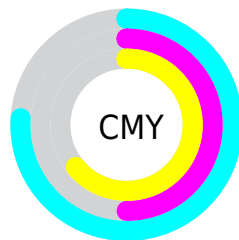


Cyan (51%)

Magenta (0%)

Yellow (27%)

Black (50%)



Cyan (76%)

Magenta (50%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E7F5D 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 3E7F5D by changing the saturation by 10% instead.





3E7F5D



3E7F5D

FFFFFF



236645



72B48F



024D2F



8DD0AA



00361A



A8ECC5



002200



C4FFE1



000000



E1FFFE

FEFFFF



3E7F5D



3E7F5D



317F56



4B7F64

■ 257F50

■ 577F6A

■ 187F49

■ 647F71

■ 0B7F42

■ 717F78

■ 007F3D

■ 7E7F7E

■ 8A7F85

■ 977F8C

■ A47F92

■ B07F99

# Harmonies

## Analogous

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



607A47



3E7F5D



028178

# Triad

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



3E7F5D



5573A7



A36153

# Complementary

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



3E7F5D



7F3E60

# 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.



A65D6D



3E7F5D



7E699D

# Square

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



3E7F5D



197BA3



996088



946A41

# Rectangle

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



3E7F5D



00808A



996088



A55F5B



# Sweetspot

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



3E7F5D



8DA699



617F3E



45544C



D4D4D4



545454



# Same Dimension

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



3E7F5D



41A671



3E7F7D



39403C



00803D



000000



# Inverse Universe

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



7F3E60



A64176



7F3E40



40393D



800043



000000



# Previews

## White Background



This preview shows how the Hex color 3E7F5D 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 3E7F5D Background



This preview shows how black text looks on a background with the Hex color 3E7F5D.



This preview shows how white text looks on a background with the Hex color 3E7F5D.

# 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**  
3E7F5D

**Protanopia**  
7A7257

**Deuteranopia**  
836E61



**Tritanopia**  
497A84

# Trichromacy



**Original Color**  
3E7F5D

**Protanomaly**  
647759

**Deuteranomaly**  
6A7460

**Tritanomaly**  
457C76

# Monochromacy



**Original Color**  
3E7F5D

**Achromatopsia**  
686868

**Achromatomaly**  
597064

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E7F5D 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 #3E7F5D looks like.

```
.text, #text, p{  
    color:#3E7F5D  
}
```

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 #3E7F5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7F5D
}
```

## Border

The CSS property to change the border of an element to Hex 3E7F5D 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
#3E7F5D }
```

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

```
.border{ border-color:#3E7F5D }
```

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

Here you see how a box with a 4 pixel #3E7F5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7F5D; -webkit-box-shadow:4px 4px  
4px 4px #3E7F5D; box-shadow:4px 4px 4px  
4px #3E7F5D }
```

# Background

The CSS property to change the background color of an element to Hex 3E7F5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7F5D }
```

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

```
.background{ background-color:#3E7F5D }
```

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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