

# Converting Colors

Hex(3E793F)

Have a look what the booklet for  
Hex(3E793F) contains.

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# Color

Hex(3E793F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E793F
RGB	62, 121, 63
RGB Percent	24%, 47%, 25%
CMY	0.7569, 0.5255, 0.7529
CMYK	0.49, 0.00, 0.48, 0.53
HSL	121°, 32%, 36%
HSV	121°, 49%, 47%
XYZ	9.7212, 15.0578, 7.0967
YIQ	96.7470, -16.5460, -30.5460

# Conversions

## Conversions Part 2

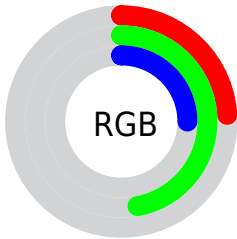
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 120, 121
Decimal	4094271
CIELab	45.71, -32.18, 25.91
CIELCh	46, 41.315, 141.153
Yxy	15.0578, 0.3050, 0.4724
Android (android.graphics.Color)	4282284351 (0xFF3E793F)
YUV	96.7470, -16.6373, -30.4731
Hunter-Lab	38.8043, -23.1901, 16.3198

# Details

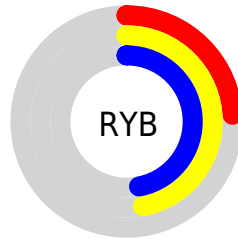
The Hex color **3E793F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **793E78**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **72AE70**, and **044812** is the 20% darker color. If you saturate the color by 10%, you get **327933**, and if you desaturate by 10%, it is **4A794B**.

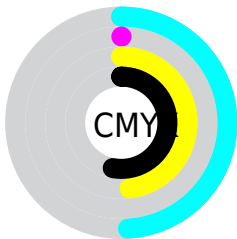
# Distribution



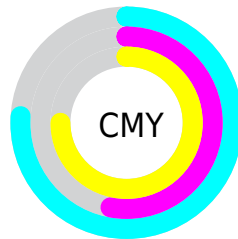
- Red (24%)
- Green (47%)
- Blue (25%)



- Red (24%)
- Yellow (47%)
- Blue (47%)



- Cyan (49%)
- Magenta (0%)
- Yellow (48%)
- Black (53%)



- Cyan (76%)
- Magenta (53%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E793F 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 3E793F by changing the saturation by 10% instead.





3E793F



3E793F

FFFFFF



246028



72AE70



044812



8CC989



003000



A8E6A4



001C00



C3FFBF



000000



E0FFDB



F0FFF8



3E793F



3E793F



327933



4A794B

■ 267927

■ 567957

■ 1A791B

■ 627963

■ 0E790F

■ 6E796F

■ 027904

■ 7A797A

■ 007902

■ 877986

■ 937992

■ 9F799E

■ AB79AA

# Harmonies

## Analogous

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



687228



3E793F



007D60

# Triad

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



3E793F



0073B0



AC4F55

# Complementary

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



3E793F



793E78

# 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.



A64F78



3E793F



5C67AD

# Square

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



3E793F



007AA1



8D5998



A05A37

# Rectangle

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



3E793F



007D78



8D5998



AC4E61



# Sweetspot

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



3E793F



869E87



78793E



414F41



CFCFCF



4F4F4F



# Same Dimension

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



3E793F



419E42



3E795C



373D37



007D02



00FC04



# Inverse Universe

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



793E78



9E419D



793E5B



3D373D



7D007B



FC00F8



# Previews

## White Background



This preview shows how the Hex color 3E793F 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 3E793F Background



This preview shows how black text looks on a background with the Hex color 3E793F.



This preview shows how white text looks on a background with the Hex color 3E793F.

# 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**  
3E793F

**Protanopia**  
776C3A

**Deuteranopia**  
826743



**Tritanopia**  
4B727B

# Trichromacy



**Original Color**  
3E793F

**Protanomaly**  
62713C

**Deuteranomaly**  
696E42

**Tritanomaly**  
467565

# Monochromacy



**Original Color**  
3E793F

**Achromatopsia**  
616161

**Achromatomaly**  
546A55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E793F 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 #3E793F looks like.

```
.text, #text, p{  
    color:#3E793F  
}
```

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 #3E793F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E793F
}
```

## Border

The CSS property to change the border of an element to Hex 3E793F 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".

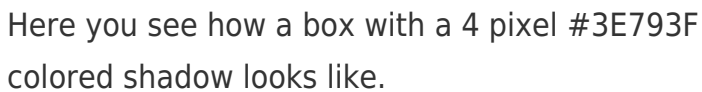
```
.border, #border, table{ border:4px solid
#3E793F }
```

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

```
.border{ border-color:#3E793F }
```

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

Here you see how a box with a 4 pixel #3E793F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E793F; -webkit-box-shadow:4px 4px  
4px 4px #3E793F; box-shadow:4px 4px 4px  
4px #3E793F }
```

# Background

The CSS property to change the background color of an element to Hex 3E793F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E793F }
```

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

```
.background{ background-color:#3E793F }
```

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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