

# Converting Colors

Hex(3E6C60)

Have a look what the booklet for  
Hex(3E6C60) contains.

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# Color

**Hex(3E6C60)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E6C60
RGB	62, 108, 96
RGB Percent	24%, 42%, 38%
CMY	0.7569, 0.5765, 0.6235
CMYK	0.43, 0.00, 0.11, 0.58
HSL	164°, 27%, 33%
HSV	164°, 43%, 42%
XYZ	9.4605, 12.5938, 12.9986
YIQ	92.8780, -23.5640, -13.4840

# Conversions

## Conversions Part 2

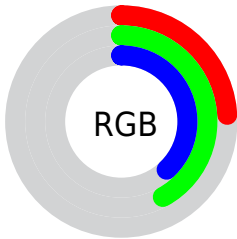
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 88, 108
Decimal	4090976
CIELab	42.14, -18.90, 1.77
CIELCh	42, 18.987, 174.648
Yxy	12.5938, 0.2699, 0.3593
Android (android.graphics.Color)	4282281056 (0xFF3E6C60)
YUV	92.8780, 1.5391, -27.0800
Hunter-Lab	35.4877, -14.5181, 3.1245

# Details

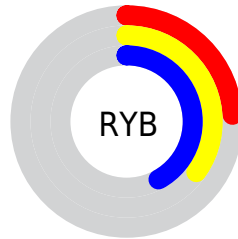
The Hex color **3E6C60** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C3E4A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **70A092**, and **0B3C32** is the 20% darker color. If you saturate the color by 10%, you get **336C5D**, and if you desaturate by 10%, it is **496C63**.

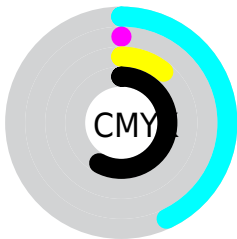
# Distribution



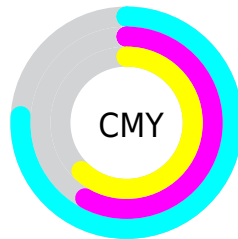
- Red (24%)
- Green (42%)
- Blue (38%)



- Red (24%)
- Yellow (35%)
- Blue (42%)



- Cyan (43%)
- Magenta (0%)
- Yellow (11%)
- Black (58%)



- Cyan (76%)
- Magenta (58%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E6C60 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 3E6C60 by changing the saturation by 10% instead.





3E6C60



3E6C60

FFFFFF



265448



70A092



0B3C32



8ABBAD



00261D



A5D7C8



000E03



C1F3E4



000000



DDFFFF



FAFFFF



3E6C60



3E6C60



336C5D



496C63

■ 286C5A

■ 546C66

■ 1E6C58

■ 5E6C68

■ 136C55

■ 696C6B

■ 086C52

■ 746C6E

■ 006C50

■ 7F6C71

■ 8A6C74

■ 946C77

■ 9F6C79

# Harmonies

## Analogous

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



4F6A51



3E6C60



336C70

# Triad

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



3E6C60



626080



7D5C4B

# Complementary

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



3E6C60



6C3E4A

# 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.



835957



3E6C60



755B76

# Square

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



3E6C60



4C6682



805867



716144

# Rectangle

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



3E6C60



356B79



805867



805B4E



# Sweetspot

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



3E6C60



7A8C87



4A6C3E



3C4744



C7C7C7



474747



# Same Dimension

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



3E6C60



458C7A



3E616C



303634



007557



00F5B5



# Inverse Universe

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



6C3E4A



8C4557



6C493E



363032



75001F



F50040



# Previews

## White Background



This preview shows how the Hex color 3E6C60 looks on a white background.

## Color Contrast Check

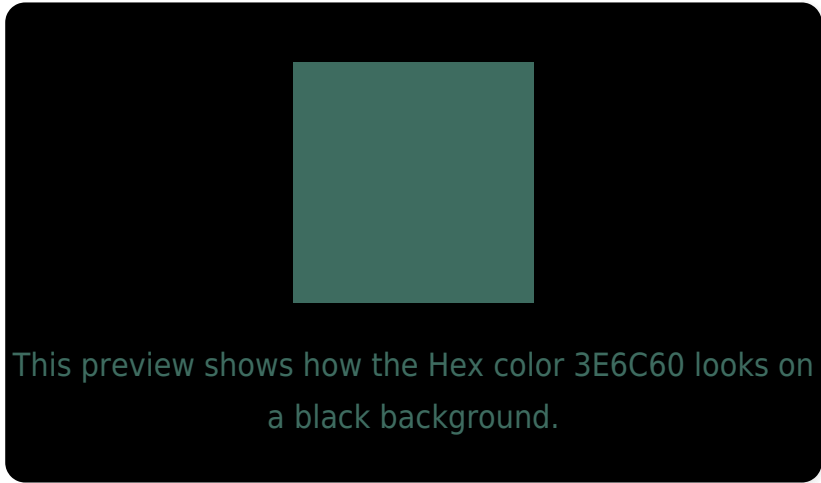
Large Text (above 18pt) WCAG AA ✓ Pass

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

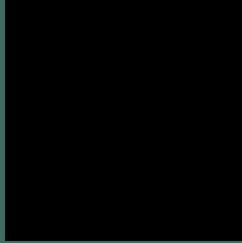
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E6C60 Background



This preview shows how black text looks on a background with the Hex color 3E6C60.

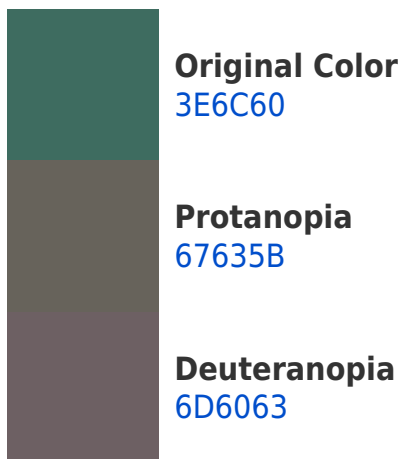



This preview shows how white text looks on a background with the Hex color 3E6C60.

# 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](#).

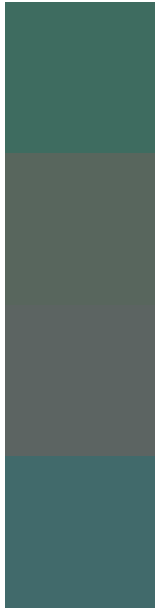
## Dichromacy





**Tritanopia**  
436972

# Trichromacy



**Original Color**  
3E6C60

**Protanomaly**  
58665D

**Deuteranomaly**  
5C6462

**Tritanomaly**  
416A6B

# Monochromacy



**Original Color**  
3E6C60

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
52625E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E6C60 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 #3E6C60 looks like.

```
.text, #text, p{  
    color:#3E6C60  
}
```

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 #3E6C60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E6C60
}
```

## Border

The CSS property to change the border of an element to Hex 3E6C60 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
#3E6C60 }
```

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

```
.border{ border-color:#3E6C60 }
```

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

Here you see how a box with a 4 pixel #3E6C60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E6C60; -webkit-box-shadow:4px 4px  
4px 4px #3E6C60; box-shadow:4px 4px 4px  
4px #3E6C60 }
```

# Background

The CSS property to change the background color of an element to Hex 3E6C60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E6C60 }
```

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

```
.background{ background-color:#3E6C60 }
```

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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