

# Converting Colors

Hex(3E6160)

Have a look what the booklet for  
Hex(3E6160) contains.

<b>Hex(3E6160)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3E6160)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E6160
RGB	62, 97, 96
RGB Percent	24%, 38%, 38%
CMY	0.7569, 0.6196, 0.6235
CMYK	0.36, 0.00, 0.01, 0.62
HSL	178°, 22%, 31%
HSV	178°, 36%, 38%
XYZ	8.3726, 10.4180, 12.6359
YIQ	86.4210, -20.5390, -7.7310

# Conversions

## Conversions Part 2

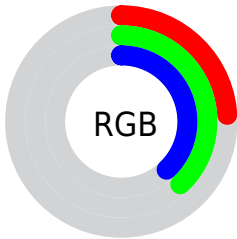
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 80, 97
Decimal	4088160
CIELab	38.58, -12.80, -3.45
CIElCh	39, 13.252, 195.074
Yxy	10.4180, 0.2664, 0.3315
Android (android.graphics.Color)	4282278240 (0xFF3E6160)
YUV	86.4210, 4.7224, -21.4172
Hunter-Lab	32.2770, -10.1820, -0.6172

# Details

The Hex color **3E6160** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **613E3F**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6F9492**, and **0F3232** is the 20% darker color. If you saturate the color by 10%, you get **346160**, and if you desaturate by 10%, it is **486160**.

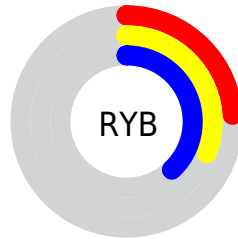
# Distribution



Red (24%)

Green (38%)

Blue (38%)



Red (24%)

Yellow (31%)

Blue (38%)

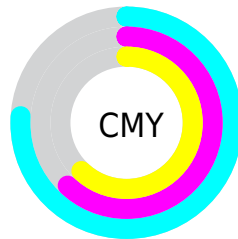


Cyan (36%)

Magenta (0%)

Yellow (1%)

Black (62%)



Cyan (76%)

Magenta (62%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E6160 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 3E6160 by changing the saturation by 10% instead.



 3E6160

 3E6160

FFFFFF

 264948

 6F9492

 0F3232

 89AEAD

 001E1D

 A4CAC8

 000002

 BFE6E4

 000000

 DBFFFF

 F8FFFF

 3E6160

 3E6160

 346160

 486160

■ 2B615F

■ 516161

■ 21615F

■ 5B6161

■ 17615F

■ 656161

■ 0D615F

■ 6E6161

■ 04615E

■ 786162

■ 00615E

■ 826162

■ 8C6162

■ 956162

# Harmonies

## Analogous

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



466155



3E6160



3E606A

# Triad

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



3E6160



63566A



685846

# Complementary

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



3E6160



613E3F

# 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.



6F554C



3E6160



6D5461

# Square

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



3E6160



565A6F



715356



5D5C46

# Rectangle

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



3E6160



445E6E



715356



6B5748



# Sweetspot

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



3E6160



6F7D7D



3F613E



374040



BFBFBF



404040



# Same Dimension

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



3E6160



477D7B



3E5161



2C3030



00706D



00F0E9



# Inverse Universe

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



613E3F



7D4749



614E3E



302C2C



700003



F00007



# Previews

## White Background



This preview shows how the Hex color 3E6160 looks on a white background.

## Color Contrast Check

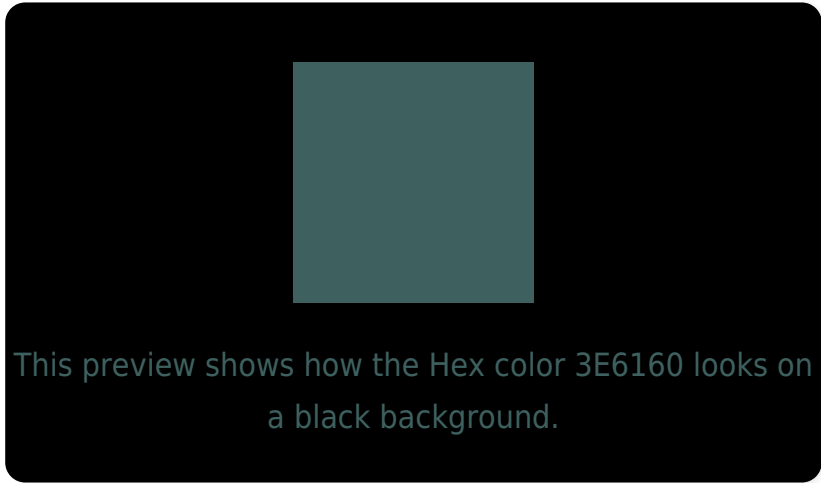
Large Text (above 18pt) WCAG AA ✓ Pass

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

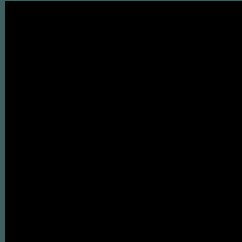
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E6160 Background



This preview shows how black text looks on a background with the Hex color 3E6160.



This preview shows how white text looks on a background with the Hex color 3E6160.

# 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**  
3E6160

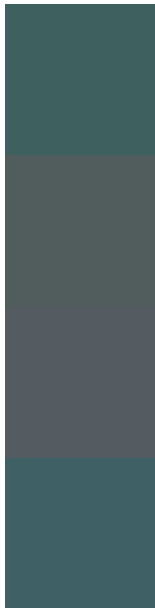
**Protanopia**  
5C5A5C

**Deuteranopia**  
605862



**Tritanopia**  
406068

# Trichromacy



**Original Color**  
3E6160

**Protanomaly**  
515D5D

**Deuteranomaly**  
545B61

**Tritanomaly**  
3F6065

# Monochromacy



**Original Color**  
3E6160

**Achromatopsia**  
565656

**Achromatomaly**  
4D5A5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E6160 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 #3E6160 looks like.

```
.text, #text, p{  
    color:#3E6160  
}
```

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 #3E6160 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E6160
}
```

## Border

The CSS property to change the border of an element to Hex 3E6160 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
#3E6160 }
```

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

```
.border{ border-color:#3E6160 }
```

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

Here you see how a box with a 4 pixel #3E6160 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E6160; -webkit-box-shadow:4px 4px  
4px 4px #3E6160; box-shadow:4px 4px 4px  
4px #3E6160 }
```

# Background

The CSS property to change the background color of an element to Hex 3E6160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E6160 }
```

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

```
.background{ background-color:#3E6160 }
```

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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