

# Converting Colors

Hex(3E6347)

Have a look what the booklet for  
Hex(3E6347) contains.

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# Color

**Hex(3E6347)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E6347
RGB	62, 99, 71
RGB Percent	24%, 39%, 28%
CMY	0.7569, 0.6118, 0.7216
CMYK	0.37, 0.00, 0.28, 0.61
HSL	135°, 23%, 32%
HSV	135°, 37%, 39%
XYZ	7.5858, 10.4027, 7.5694
YIQ	84.7450, -13.0640, -16.5520

# Conversions

## Conversions Part 2

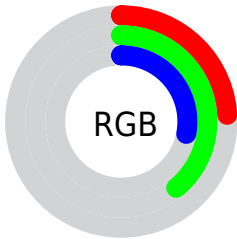
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 92, 99
Decimal	4088647
CIELab	38.56, -19.88, 11.83
CIELCh	39, 23.132, 149.255
Yxy	10.4027, 0.2968, 0.4070
Android (android.graphics.Color)	4282278727 (0xFF3E6347)
YUV	84.7450, -6.7763, -19.9474
Hunter-Lab	32.2533, -14.4611, 8.6628

# Details

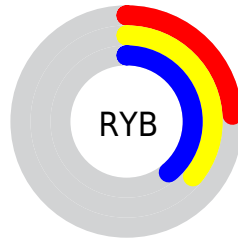
The Hex color **3E6347** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **633E5A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6F9678**, and **0F341B** is the 20% darker color. If you saturate the color by 10%, you get **346340**, and if you desaturate by 10%, it is **48634E**.

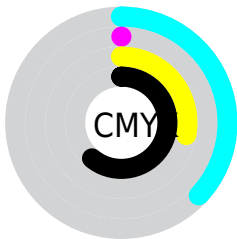
# Distribution



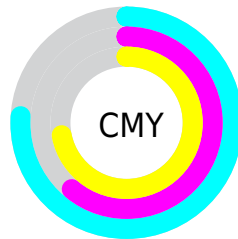
- Red (24%)
- Green (39%)
- Blue (28%)



- Red (24%)
- Yellow (36%)
- Blue (39%)



- Cyan (37%)
- Magenta (0%)
- Yellow (28%)
- Black (61%)



- Cyan (76%)
- Magenta (61%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E6347 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 3E6347 by changing the saturation by 10% instead.





3E6347



3E6347

FFFFFF



274B30



6F9678



0F341B



89B191



001F02



A3CCAC



000000



BFE9C7



DBFFE3



F8FFFF



3E6347



3E6347



346340



48634E

■ 2A6338

■ 526356

■ 206331

■ 5C635D

■ 166329

■ 666365

■ 0C6322

■ 70636C

■ 03631A

■ 796374

■ 006318

■ 83637B

■ 8D6383

■ 97638A

# Harmonies

## Analogous

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



545F39



3E6347



26655A

# Triad

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



3E6347



3F5D80



7F4E49

# Complementary

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



3E6347



633E5A

# 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.



7E4C5C



3E6347



5C567B

# Square

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



3E6347



20627A



72506E



77533B

# Rectangle

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



3E6347



166566



72506E



804D4F



# Sweetspot

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



3E6347



718075



5A633E



374039



BFBFBF



404040



# Same Dimension

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



3E6347



468054



3E6359



2C302D



00701B



00F03A



# Inverse Universe

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



633E5A



804672



633E48



302C2F



700055

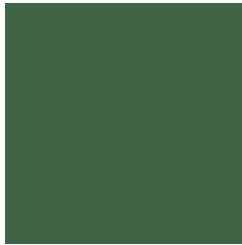


F000B5



# Previews

## White Background



This preview shows how the Hex color 3E6347 looks on a white background.

## Color Contrast Check

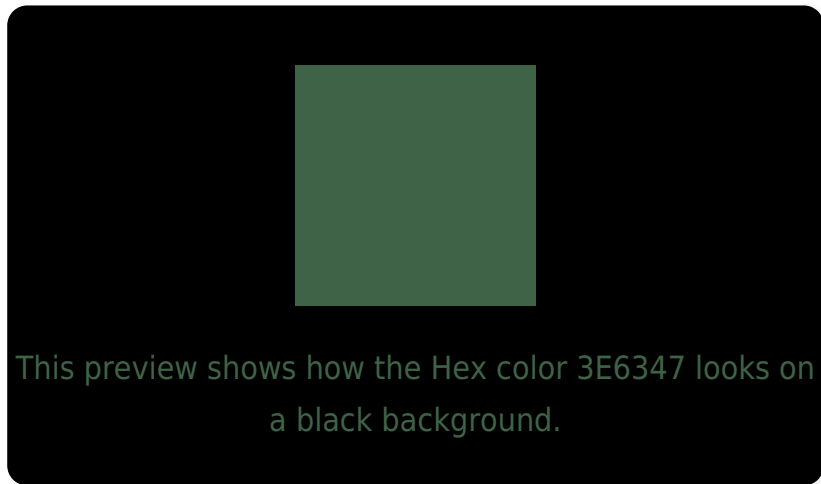
Large Text (above 18pt) WCAG AA ✓ Pass

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

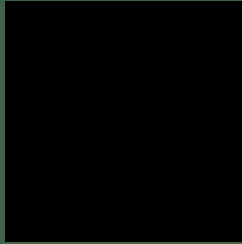
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E6347 Background



This preview shows how black text looks on a background with the Hex color 3E6347.



This preview shows how white text looks on a background with the Hex color 3E6347.

# 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**  
3E6347

**Protanopia**  
615A43

**Deuteranopia**  
69574A



**Tritanopia**  
455F67

# Trichromacy



**Original Color**  
3E6347

**Protanomaly**  
545D44

**Deuteranomaly**  
595B49

**Tritanomaly**  
42605B

# Monochromacy



**Original Color**  
3E6347

**Achromatopsia**  
555555

**Achromatomaly**  
4D5A50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E6347 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 #3E6347 looks like.

```
.text, #text, p{  
    color:#3E6347  
}
```

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 #3E6347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E6347
}
```

## Border

The CSS property to change the border of an element to Hex 3E6347 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
#3E6347 }
```

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

```
.border{ border-color:#3E6347 }
```

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

Here you see how a box with a 4 pixel #3E6347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E6347; -webkit-box-shadow:4px 4px  
4px 4px #3E6347; box-shadow:4px 4px 4px  
4px #3E6347 }
```

# Background

The CSS property to change the background color of an element to Hex 3E6347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E6347 }
```

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

```
.background{ background-color:#3E6347 }
```

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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