

Converting Colors

Hex(3E6137)

Have a look what the booklet for
Hex(3E6137) contains.

Hex(3E6137)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E6137)

Conversions

Conversions Part 1

Format	Color
Hex	3E6137
RGB	62, 97, 55
RGB Percent	24%, 38%, 22%
CMY	0.7569, 0.6196, 0.7843
CMYK	0.36, 0.00, 0.43, 0.62
HSL	110°, 28%, 30%
HSV	110°, 43%, 38%
XYZ	6.9509, 9.8494, 5.1492
YIQ	81.7470, -7.3780, -20.4820

Conversions

Conversions Part 2

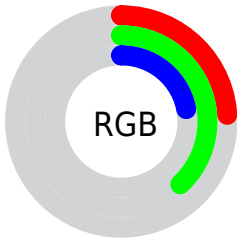
Format	Color
RYB	55, 97, 90
Decimal	4088119
CIELab	37.57, -21.82, 20.04
CIELCh	38, 29.622, 137.433
Yxy	9.8494, 0.3167, 0.4487
Android (android.graphics.Color)	4282278199 (0xFF3E6137)
YUV	81.7470, -13.1863, -17.3181
Hunter-Lab	31.3837, -15.3871, 12.2407

Details

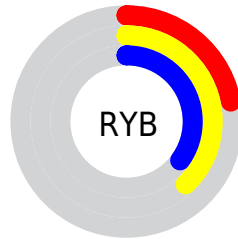
The Hex color **3E6137** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A3761**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6F9466**, and **0F320B** is the 20% darker color. If you saturate the color by 10%, you get **36612D**, and if you desaturate by 10%, it is **466141**.

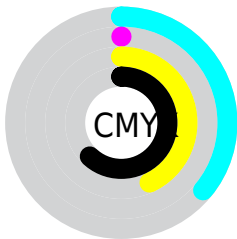
Distribution



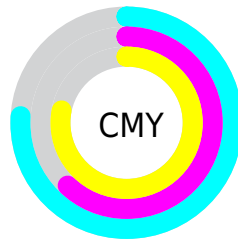
- Red (24%)
- Green (38%)
- Blue (22%)



- Red (22%)
- Yellow (38%)
- Blue (35%)



- Cyan (36%)
- Magenta (0%)
- Yellow (43%)
- Black (62%)



- Cyan (76%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E6137 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 3E6137 by changing the saturation by 10% instead.



3E6137



3E6137

FFFFFF



274921



6F9466



0F320B



89AF80



001E00



A4CA9A



000000



BFE6B5



DBFFD0



F8FFED



3E6137



3E6137



36612D



466141

■ 2E6124

■ 4E614A

■ 26611A

■ 566154

■ 1E6110

■ 5E615E

■ 166107

■ 666167

■ 106100

■ 6E6171

■ 77617B

■ 7F6185

■ 87618E

Harmonies

Analogous

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



595B29



3E6137



17644D

Triad

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



3E6137



125E87



86454B

Complementary

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



3E6137



5A3761

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.



804664



3E6137



4A5686

Square

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



3E6137



00637B



6C4D79



804B36

Rectangle

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



3E6137



00655E



6C4D79



854553

Sweetspot

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



3E6137



6F7D6D



615A37



374036



BFBFBF



404040

Same Dimension

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



3E6137



477D3C



376145



2C302C



137000



28F000

Inverse Universe

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



5A3761



723C7D



613753



302C30



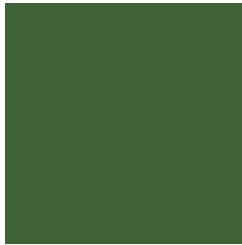
5E0070



C800F0

Previews

White Background



This preview shows how the Hex color 3E6137 looks on a white background.

Color Contrast Check

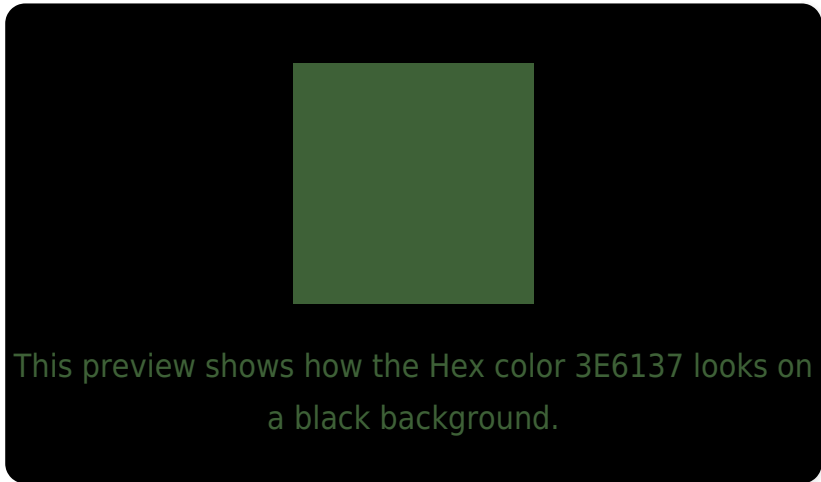
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

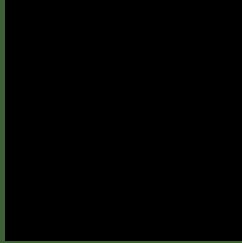
Any Text WCAG AA × Fail

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 3E6137 Background



This preview shows how black text looks on a background with the Hex color 3E6137.



This preview shows how white text looks on a background with the Hex color 3E6137.

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
3E6137

Protanopia
615834

Deuteranopia
6A543A



Tritanopia
465C63

Trichromacy



Original Color
3E6137

Protanomaly
545B35

Deuteranomaly
5A5939

Tritanomaly
435E53

Monochromacy



Original Color
3E6137

Achromatopsia
525252

Achromatomaly
4B5748

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E6137 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 #3E6137 looks like.

```
.text, #text, p{  
    color:#3E6137  
}
```

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 #3E6137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E6137
}
```

Border

The CSS property to change the border of an element to Hex 3E6137 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
#3E6137 }
```

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

```
.border{ border-color:#3E6137 }
```

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

Here you see how a box with a 4 pixel #3E6137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E6137; -webkit-box-shadow:4px 4px  
4px 4px #3E6137; box-shadow:4px 4px 4px  
4px #3E6137 }
```

Background

The CSS property to change the background color of an element to Hex 3E6137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E6137 }
```

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

```
.background{ background-color:#3E6137 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor