

Converting Colors

Hex(3E7D37)

Have a look what the booklet for
Hex(3E7D37) contains.

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Color

Hex(3E7D37)

Conversions

Conversions Part 1

Format	Color
Hex	3E7D37
RGB	62, 125, 55
RGB Percent	24%, 49%, 22%
CMY	0.7569, 0.5098, 0.7843
CMYK	0.50, 0.00, 0.56, 0.51
HSL	114°, 39%, 35%
HSV	114°, 56%, 49%
XYZ	10.0098, 15.9672, 6.1688
YIQ	98.1830, -15.0780, -35.1260

Conversions

Conversions Part 2

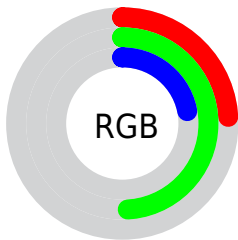
Format	Color
RYB	55, 125, 118
Decimal	4095287
CIELab	46.93, -35.14, 31.69
CIELCh	47, 47.315, 137.954
Yxy	15.9672, 0.3114, 0.4967
Android (android.graphics.Color)	4282285367 (0xFF3E7D37)
YUV	98.1830, -21.2892, -31.7325
Hunter-Lab	39.9590, -25.2136, 18.8181

Details

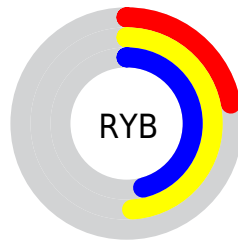
The Hex color **3E7D37** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **76377D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **73B268**, and **004B07** is the 20% darker color. If you saturate the color by 10%, you get **337D2B**, and if you desaturate by 10%, it is **497D44**.

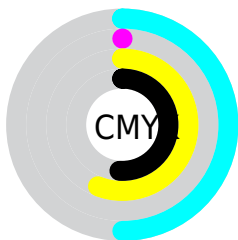
Distribution



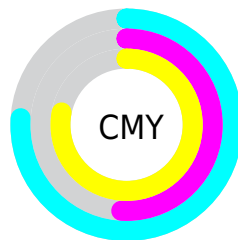
- Red (24%)
- Green (49%)
- Blue (22%)



- Red (22%)
- Yellow (49%)
- Blue (46%)



- Cyan (50%)
- Magenta (0%)
- Yellow (56%)
- Black (51%)



- Cyan (76%)
- Magenta (51%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7D37 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 3E7D37 by changing the saturation by 10% instead.



3E7D37



3E7D37

FFFFFF



236420



73B268



004B07



8DCE81



003400



A9EA9C



002000



C5FFB7



000000



E2FFD3



FFFFEF



3E7D37



3E7D37



337D2B



497D44

■ 277D1E

■ 547D50

■ 1C7D12

■ 607D5D

■ 117D05

■ 6B7D69

■ 0C7D00

■ 767D76

■ 827D82

■ 8D7D8F

■ 987D9B

■ A37DA8

Harmonies

Analogous

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



6D751C



3E7D37



00815D

Triad

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



3E7D37



0078BD



B84B59

Complementary

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



3E7D37



76377D

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.



AF4C81



3E7D37



526BBB

Square

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



3E7D37



0080AA



8F5AA5



AC5835

Rectangle

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



3E7D37



008279



8F5AA5



B74A66

Sweetspot

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



3E7D37



8AA387



7D7637



435241



D1D1D1



525252

Same Dimension

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



3E7D37



41A336



377D53



3A4039



0D8000



000000

Inverse Universe

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



76377D



9836A3



7D3761



3F3940



730080



000000

Previews

White Background



This preview shows how the Hex color 3E7D37 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

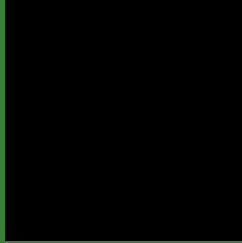
Any Text WCAG AA × Fail

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 3E7D37 Background



This preview shows how black text looks on a background with the Hex color 3E7D37.



This preview shows how white text looks on a background with the Hex color 3E7D37.

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
3E7D37

Protanopia
7B6F33

Deuteranopia
876A3C



Tritanopia
4D757F

Trichromacy



Original Color
3E7D37

Protanomaly
657434

Deuteranomaly
6C713A

Tritanomaly
487865

Monochromacy



Original Color
3E7D37

Achromatopsia
626262

Achromatomaly
556C52

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7D37 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 #3E7D37 looks like.

```
.text, #text, p{  
    color:#3E7D37  
}
```

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 #3E7D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7D37
}
```

Border

The CSS property to change the border of an element to Hex 3E7D37 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".

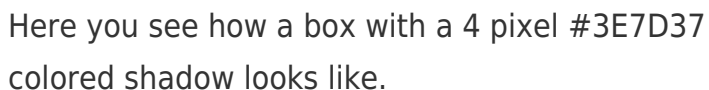
```
.border, #border, table{ border:4px solid
#3E7D37 }
```

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

```
.border{ border-color:#3E7D37 }
```

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

Here you see how a box with a 4 pixel #3E7D37 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7D37; -webkit-box-shadow:4px 4px  
4px 4px #3E7D37; box-shadow:4px 4px 4px  
4px #3E7D37 }
```

Background

The CSS property to change the background color of an element to Hex 3E7D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7D37 }
```

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

```
.background{ background-color:#3E7D37 }
```

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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