

Converting Colors

Hex(3E7738)

Have a look what the booklet for
Hex(3E7738) contains.

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Color

Hex(3E7738)

Conversions

Conversions Part 1

Format	Color
Hex	3E7738
RGB	62, 119, 56
RGB Percent	24%, 47%, 22%
CMY	0.7569, 0.5333, 0.7804
CMYK	0.48, 0.00, 0.53, 0.53
HSL	114°, 36%, 34%
HSV	114°, 53%, 47%
XYZ	9.2972, 14.5033, 6.0508
YIQ	94.7750, -13.7490, -31.6770

Conversions

Conversions Part 2

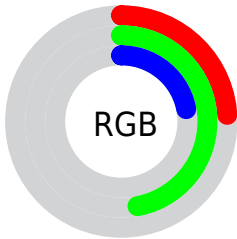
Format	Color
RYB	56, 119, 113
Decimal	4093752
CIELab	44.95, -32.32, 28.76
CIElCh	45, 43.263, 138.338
Yxy	14.5033, 0.3115, 0.4859
Android (android.graphics.Color)	4282283832 (0xFF3E7738)
YUV	94.7750, -19.1161, -28.7437
Hunter-Lab	38.0832, -23.0685, 17.2381

Details

The Hex color **3E7738** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **713877**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **72AC68**, and **044609** is the 20% darker color. If you saturate the color by 10%, you get **33772C**, and if you desaturate by 10%, it is **497744**.

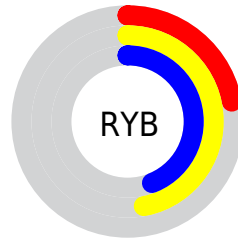
Distribution



Red (24%)

Green (47%)

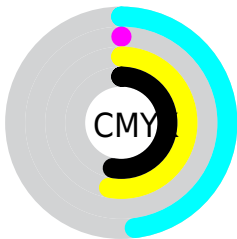
Blue (22%)



Red (22%)

Yellow (47%)

Blue (44%)

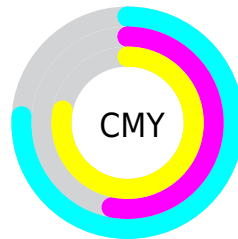


Cyan (48%)

Magenta (0%)

Yellow (53%)

Black (53%)



Cyan (76%)

Magenta (53%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7738 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 3E7738 by changing the saturation by 10% instead.



3E7738



3E7738

FFFFFF



245E21



72AC68



044609



8CC782



002F00



A8E49C



001A00



C3FFB8



000000



E0FFD3



F0FFF0



3E7738



3E7738



33772C



497744

■ 287720

■ 547750

■ 1E7714

■ 5E775C

■ 137708

■ 697768

■ 0B7700

■ 747773

■ 7F777F

■ 89778B

■ 947797

■ 9F77A3

Harmonies

Analogous

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



696F20



3E7738



007B5B

Triad

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



3E7738



0072B1



AD4B56

Complementary

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



3E7738



713877

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.



A54B7A



3E7738



5267AF

Square

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



3E7738



00799F



88579B



A25536

Rectangle

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



3E7738



007C74



88579B



AC4962

Sweetspot

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



3E7738



859C83



777138



414F40



CFCFCF



4F4F4F

Same Dimension

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



3E7738



419C38



387751



353B35



0C7A00



18FA00

Inverse Universe

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



713877



92389C



77385E



3A353B



6F007A



E200FA

Previews

White Background



This preview shows how the Hex color 3E7738 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

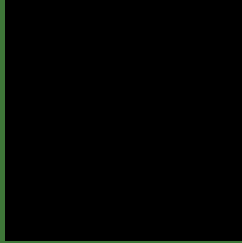
Any Text WCAG AA × Fail

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 3E7738 Background



This preview shows how black text looks on a background with the Hex color 3E7738.



This preview shows how white text looks on a background with the Hex color 3E7738.

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
3E7738

Protanopia
756A34

Deuteranopia
81653D



Tritanopia
4B7079

Trichromacy



Original Color
3E7738

Protanomaly
616F35

Deuteranomaly
696C3B

Tritanomaly
467361

Monochromacy



Original Color
3E7738

Achromatopsia
5F5F5F

Achromatomaly
536851

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7738 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 #3E7738 looks like.

```
.text, #text, p{  
    color:#3E7738  
}
```

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 #3E7738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7738
}
```

Border

The CSS property to change the border of an element to Hex 3E7738 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
#3E7738 }
```

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

```
.border{ border-color:#3E7738 }
```

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

Here you see how a box with a 4 pixel #3E7738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7738; -webkit-box-shadow:4px 4px  
4px 4px #3E7738; box-shadow:4px 4px 4px  
4px #3E7738 }
```

Background

The CSS property to change the background color of an element to Hex 3E7738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7738 }
```

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

```
.background{ background-color:#3E7738 }
```

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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