

Converting Colors

Hex(3E7362)

Have a look what the booklet for
Hex(3E7362) contains.

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Color

Hex(3E7362)

Conversions

Conversions Part 1

Format	Color
Hex	3E7362
RGB	62, 115, 98
RGB Percent	24%, 45%, 38%
CMY	0.7569, 0.5490, 0.6157
CMYK	0.46, 0.00, 0.15, 0.55
HSL	161°, 30%, 35%
HSV	161°, 46%, 45%
XYZ	10.3219, 14.1674, 13.7458
YIQ	97.2150, -26.1310, -16.5230

Conversions

Conversions Part 2

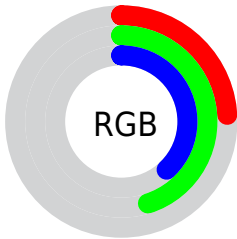
Format	Color
RYB	62, 94, 115
Decimal	4092770
CIELab	44.47, -22.11, 3.93
CIElCh	44, 22.453, 169.916
Yxy	14.1674, 0.2700, 0.3705
Android (android.graphics.Color)	4282282850 (0xFF3E7362)
YUV	97.2150, 0.3870, -30.8836
Hunter-Lab	37.6397, -16.9193, 4.6953

Details

The Hex color **3E7362** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **733E4F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **71A795**, and **084234** is the 20% darker color. If you saturate the color by 10%, you get **33735E**, and if you desaturate by 10%, it is **4A7366**.

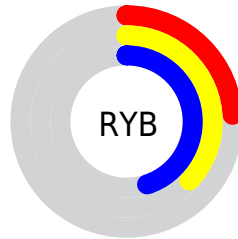
Distribution



Red (24%)

Green (45%)

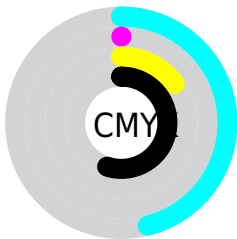
Blue (38%)



Red (24%)

Yellow (37%)

Blue (45%)

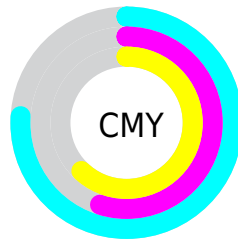


Cyan (46%)

Magenta (0%)

Yellow (15%)

Black (55%)



Cyan (76%)

Magenta (55%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7362 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 3E7362 by changing the saturation by 10% instead.

 3E7362

 3E7362

FFFFFF

 255A4A

 71A795

 084234

 8BC3AF

 002C1F

 A6DFCB

 001806

 C2FBE7

 000000

 DEFFFF

 FBFFFF

 3E7362

 3E7362

 33735E

 4A7366

■ 27735B

■ 557369

■ 1C7357

■ 61736D

■ 107353

■ 6C7371

■ 057350

■ 787374

■ 00734E

■ 837378

■ 8F737C

■ 9A7380

■ A57383

Harmonies

Analogous

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



547051



3E7362



2D7375

Triad

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



3E7362



63678C



89604D

Complementary

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



3E7362



733E4F

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.



8E5C5D



3E7362



7B6081

Square

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



3E7362



476D8E



8A5C70



7C6645

Rectangle

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



3E7362



2B7280



8A5C70



8C5E52

Sweetspot

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



3E7362



819690



50733E



3F4D48



CCCCCC



4D4D4D

Same Dimension

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



3E7362



44967C



3E6A73



353B39



007A53



00FAAA

Inverse Universe

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



733E4F



96445E



73473E



3B3537



7A0027



FA0050

Previews

White Background



This preview shows how the Hex color 3E7362 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

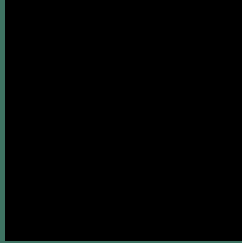
Any Text WCAG AA × Fail

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 3E7362 Background



This preview shows how black text looks on a background with the Hex color 3E7362.



This preview shows how white text looks on a background with the Hex color 3E7362.

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
3E7362

Protanopia
6D685C

Deuteranopia
746565



Tritanopia
447079

Trichromacy



Original Color
3E7362

Protanomaly
5C6C5E

Deuteranomaly
606A64

Tritanomaly
427171

Monochromacy



Original Color
3E7362

Achromatopsia
616161

Achromatomaly
546861

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7362 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 #3E7362 looks like.

```
.text, #text, p{  
    color:#3E7362  
}
```

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 #3E7362 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7362
}
```

Border

The CSS property to change the border of an element to Hex 3E7362 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
#3E7362 }
```

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

```
.border{ border-color:#3E7362 }
```

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

Here you see how a box with a 4 pixel #3E7362 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7362; -webkit-box-shadow:4px 4px  
4px 4px #3E7362; box-shadow:4px 4px 4px  
4px #3E7362 }
```

Background

The CSS property to change the background color of an element to Hex 3E7362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7362 }
```

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

```
.background{ background-color:#3E7362 }
```

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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