

Converting Colors

Hex(3E7248)

Have a look what the booklet for
Hex(3E7248) contains.

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Color

Hex(3E7248)

Conversions

Conversions Part 1

Format	Color
Hex	3E7248
RGB	62, 114, 72
RGB Percent	24%, 45%, 28%
CMY	0.7569, 0.5529, 0.7176
CMYK	0.46, 0.00, 0.37, 0.55
HSL	132°, 30%, 35%
HSV	132°, 46%, 45%
XYZ	9.1736, 13.5266, 8.2583
YIQ	93.6640, -17.5100, -24.0860

Conversions

Conversions Part 2

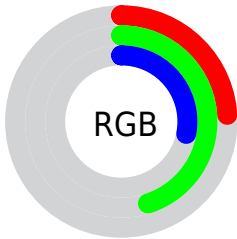
Format	Color
R_{YB}	62, 106, 114
Decimal	4092488
CIE _{Lab}	43.55, -27.31, 18.01
CIE _{LCh}	44, 32.714, 146.603
Yxy	13.5266, 0.2963, 0.4369
Android (android.graphics.Color)	4282282568 (0xFF3E7248)
YUV	93.6640, -10.6804, -27.7693
Hunter-Lab	36.7786, -19.8396, 12.4320

Details

The Hex color **3E7248** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **723E68**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **71A679**, and **09411C** is the 20% darker color. If you saturate the color by 10%, you get **33723F**, and if you desaturate by 10%, it is **497251**.

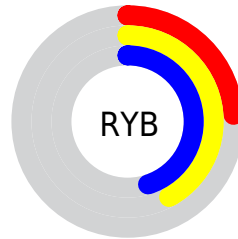
Distribution



Red (24%)

Green (45%)

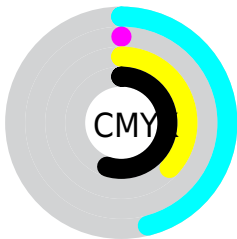
Blue (28%)



Red (24%)

Yellow (42%)

Blue (45%)

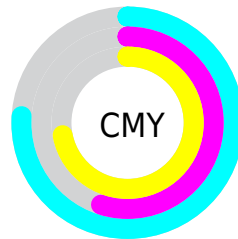


Cyan (46%)

Magenta (0%)

Yellow (37%)

Black (55%)



Cyan (76%)

Magenta (55%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7248 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 3E7248 by changing the saturation by 10% instead.



3E7248



3E7248

FFFFFF



255931



71A679



09411C



8BC293



002B03



A6DEAD



001500



C1FAC9



000000



DEFFE5



FBFFFF



3E7248



3E7248



33723F



497251

■ 277236

■ 55725A

■ 1C722C

■ 607264

■ 107223

■ 6C726D

■ 05721A

■ 777276

■ 007216

■ 82727F

■ 8E7288

■ 997292

■ A5729B

Harmonies

Analogous

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



5F6D35



3E7248



007563

Triad

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



3E7248



316B9D



9A5250

Complementary

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



3E7248



723E68

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.



97516B



3E7248



646197

Square

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



3E7248



007194



865785



8F5B3A

Rectangle

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



3E7248



007575



865785



9B5159

Sweetspot

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



3E7248



7F9483



68723E



3D4A40



C9C9C9



4A4A4A

Same Dimension

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



3E7248



439452



3E7262



323834



007817



00F730

Inverse Universe

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



723E68



944384



723E4E



383237



780061



F700C8

Previews

White Background



This preview shows how the Hex color 3E7248 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

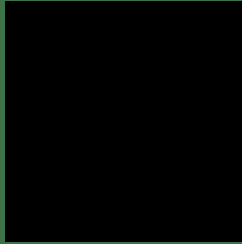
Any Text WCAG AA × Fail

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 3E7248 Background



This preview shows how black text looks on a background with the Hex color 3E7248.



This preview shows how white text looks on a background with the Hex color 3E7248.

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
3E7248

Protanopia
6F6643

Deuteranopia
79624C



Tritanopia
486D75

Trichromacy



Original Color
3E7248

Protanomaly
5D6A45

Deuteranomaly
64684B

Tritanomaly
446F65

Monochromacy



Original Color
3E7248

Achromatopsia
5E5E5E

Achromatomaly
526556

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7248 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 #3E7248 looks like.

```
.text, #text, p{  
    color:#3E7248  
}
```

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 #3E7248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7248
}
```

Border

The CSS property to change the border of an element to Hex 3E7248 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".

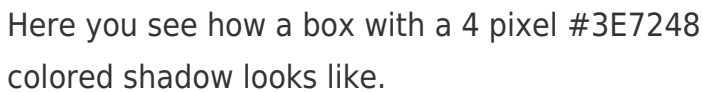
```
.border, #border, table{ border:4px solid
#3E7248 }
```

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

```
.border{ border-color:#3E7248 }
```

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

Here you see how a box with a 4 pixel #3E7248 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7248; -webkit-box-shadow:4px 4px  
4px 4px #3E7248; box-shadow:4px 4px 4px  
4px #3E7248 }
```

Background

The CSS property to change the background color of an element to Hex 3E7248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7248 }
```

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

```
.background{ background-color:#3E7248 }
```

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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