

Converting Colors

Hex(3D7742)

Have a look what the booklet for
Hex(3D7742) contains.

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Color

Hex(3D7742)

Conversions

Conversions Part 1

Format	Color
Hex	3D7742
RGB	61, 119, 66
RGB Percent	24%, 47%, 26%
CMY	0.7608, 0.5333, 0.7412
CMYK	0.49, 0.00, 0.45, 0.53
HSL	125°, 32%, 35%
HSV	125°, 49%, 47%
XYZ	9.5047, 14.5791, 7.4674
YIQ	95.6160, -17.5550, -28.7790

Conversions

Conversions Part 2

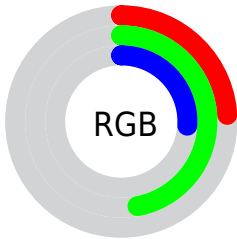
Format	Color
RYB	61, 114, 119
Decimal	4028226
CIELab	45.05, -31.08, 23.40
CIElCh	45, 38.900, 143.025
Yxy	14.5791, 0.3012, 0.4621
Android (android.graphics.Color)	4282218306 (0xFF3D7742)
YUV	95.6160, -14.6007, -30.3582
Hunter-Lab	38.1826, -22.3861, 15.1325

Details

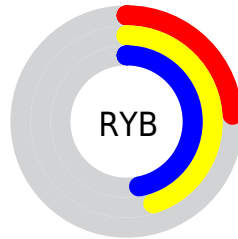
The Hex color **3D7742** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **773D72**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **70AC73**, and **044615** is the 20% darker color. If you saturate the color by 10%, you get **317737**, and if you desaturate by 10%, it is **49774D**.

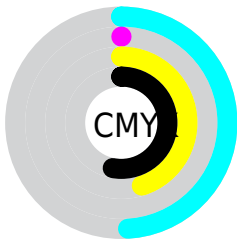
Distribution



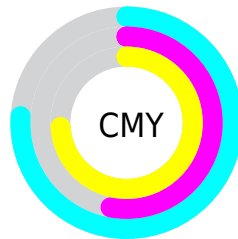
- Red (24%)
- Green (47%)
- Blue (26%)



- Red (24%)
- Yellow (45%)
- Blue (47%)



- Cyan (49%)
- Magenta (0%)
- Yellow (45%)
- Black (53%)



- Cyan (76%)
- Magenta (53%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D7742 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 3D7742 by changing the saturation by 10% instead.



3D7742



3D7742

FFFFFF



235E2B



70AC73



044615



8BC78D



002F00



A6E3A7



001A00



C2FFC2



000000



DEFFDE



FBFFFB



3D7742



3D7742



317737



49774D

■ 25772C

■ 557758

■ 197721

■ 617763

■ 0D7717

■ 6D776D

■ 02770C

■ 787778

■ 00770A

■ 847783

■ 90778E

■ 9C7799

■ A877A4

Harmonies

Analogous

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



64702C



3D7742



007A62

Triad

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



3D7742



0070AB



A75053

Complementary

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



3D7742



773D72

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.



A24F74



3D7742



6065A6

Square

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



3D7742



00789E



8B5892



9B5A38

Rectangle

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



3D7742



007B78



8B5892



A74F5E

Sweetspot

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



3D7742



849C86



72773D



414F42



CFCFCF



4F4F4F

Same Dimension

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



3D7742



419C49



3D775F



353B35



007A0B



00FA16

Inverse Universe

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



773D72



9C4194



773D55



3B353A



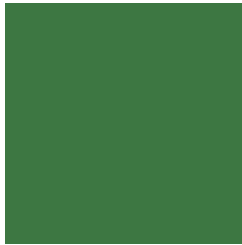
7A0070



FA00E4

Previews

White Background



This preview shows how the Hex color 3D7742 looks on a white background.

Color Contrast Check

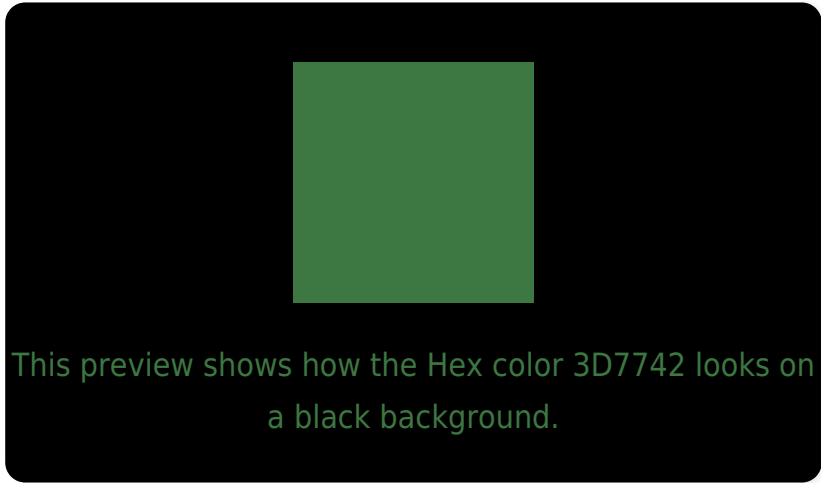
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D7742 Background



This preview shows how black text looks on a background with the Hex color 3D7742.



This preview shows how white text looks on a background with the Hex color 3D7742.

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
3D7742

Protanopia
746A3D

Deuteranopia
7F6546



Tritanopia
49717A

Trichromacy



Original Color
3D7742

Protanomaly
606F3F

Deuteranomaly
676C45

Tritanomaly
457366

Monochromacy



Original Color
3D7742

Achromatopsia
606060

Achromatomaly
536855

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D7742 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 #3D7742 looks like.

```
.text, #text, p{  
    color:#3D7742  
}
```

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 #3D7742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7742
}
```

Border

The CSS property to change the border of an element to Hex 3D7742 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
#3D7742 }
```

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

```
.border{ border-color:#3D7742 }
```

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

Here you see how a box with a 4 pixel #3D7742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7742; -webkit-box-shadow:4px 4px  
4px 4px #3D7742; box-shadow:4px 4px 4px  
4px #3D7742 }
```

Background

The CSS property to change the background color of an element to Hex 3D7742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7742 }
```

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

```
.background{ background-color:#3D7742 }
```

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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