

Converting Colors

Hex(3D7A69)

Have a look what the booklet for
Hex(3D7A69) contains.

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Color

Hex(3D7A69)

Conversions

Conversions Part 1

Format	Color
Hex	3D7A69
RGB	61, 122, 105
RGB Percent	24%, 48%, 41%
CMY	0.7608, 0.5216, 0.5882
CMYK	0.50, 0.00, 0.14, 0.52
HSL	163°, 33%, 36%
HSV	163°, 50%, 48%
XYZ	11.4338, 15.9311, 15.8370
YIQ	101.8230, -30.8990, -18.2190

Conversions

Conversions Part 2

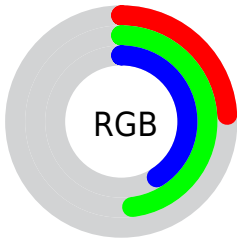
Format	Color
RYB	61, 96, 122
Decimal	4029033
CIELab	46.88, -24.23, 3.24
CIELCh	47, 24.443, 172.382
Yxy	15.9311, 0.2647, 0.3688
Android (android.graphics.Color)	4282219113 (0xFF3D7A69)
YUV	101.8230, 1.5663, -35.8018
Hunter-Lab	39.9138, -18.7155, 4.4146

Details

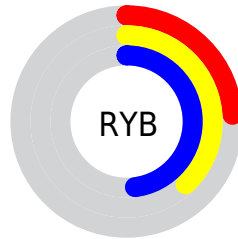
The Hex color **3D7A69** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A3D4E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **71AF9C**, and **01493A** is the 20% darker color. If you saturate the color by 10%, you get **317A66**, and if you desaturate by 10%, it is **497A6C**.

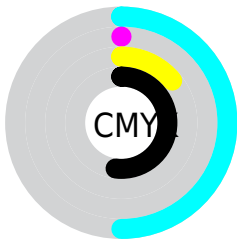
Distribution



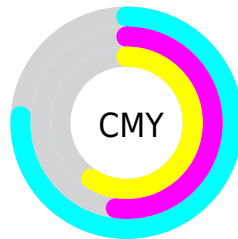
- Red (24%)
- Green (48%)
- Blue (41%)



- Red (24%)
- Yellow (38%)
- Blue (48%)



- Cyan (50%)
- Magenta (0%)
- Yellow (14%)
- Black (52%)



- Cyan (76%)
- Magenta (52%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D7A69 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 3D7A69 by changing the saturation by 10% instead.



3D7A69



3D7A69

FFFFFF



236151



71AF9C



01493A



8BCAB7



003224



A7E7D3



001E0F



C3FFE7



000000



DFFFFFF



FCFFFF



3D7A69



3D7A69



317A66



497A6C

■ 257A62

■ 557A70

■ 187A5F

■ 627A73

■ 0C7A5B

■ 6E7A77

■ 007A58

■ 7A7A7A

■ 867A7D

■ 927A81

■ 9F7A84

■ AB7A88

Harmonies

Analogous

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



567755



3D7A69



297A7E

Triad

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



3D7A69



6A6C95



91654F

Complementary

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



3D7A69



7A3D4E

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.



986061



3D7A69



846588

Square

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



3D7A69



4B7397



946075



826C46

Rectangle

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



3D7A69



29798A



946075



946354

Sweetspot

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



3D7A69



869E97



4E7A3D



414F4B



CFCFCF



4F4F4F

Same Dimension

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



3D7A69



3F9E84



3D6D7A



373D3B



007D5A



00FCB6

Inverse Universe

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



7A3D4E



9E3F5A



7A4A3D



3D3739



7D0023



FC0046

Previews

White Background



This preview shows how the Hex color 3D7A69 looks on a white background.

Color Contrast Check

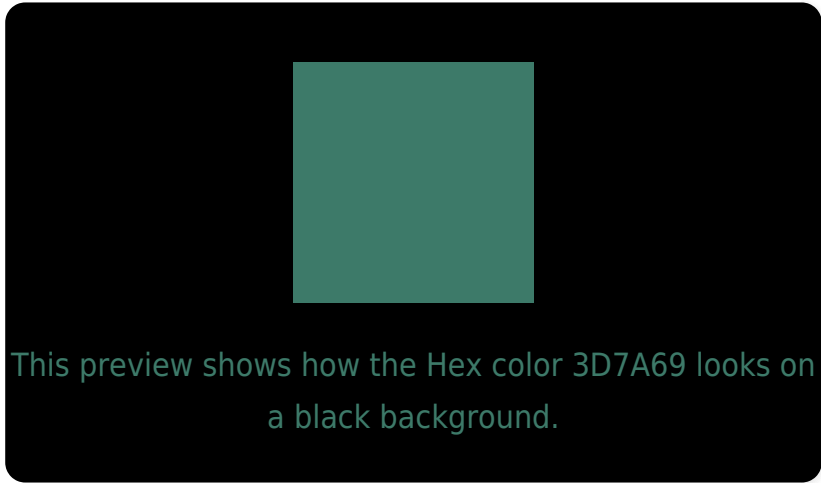
Large Text (above 18pt) WCAG AA ✓ Pass

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

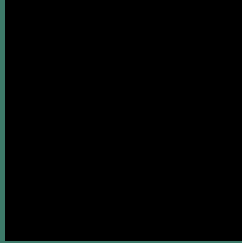
Any Text WCAG AA × Fail

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 3D7A69 Background



This preview shows how black text looks on a background with the Hex color 3D7A69.



This preview shows how white text looks on a background with the Hex color 3D7A69.

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
3D7A69

Protanopia
736E63

Deuteranopia
7A6B6C



Tritanopia
447780

Trichromacy



Original Color
3D7A69

Protanomaly
5F7265

Deuteranomaly
64706B

Tritanomaly
417878

Monochromacy



Original Color
3D7A69

Achromatopsia
666666

Achromatomaly
576D67

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D7A69 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 #3D7A69 looks like.

```
.text, #text, p{  
    color:#3D7A69  
}
```

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 #3D7A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7A69
}
```

Border

The CSS property to change the border of an element to Hex 3D7A69 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
#3D7A69 }
```

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

```
.border{ border-color:#3D7A69 }
```

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

Here you see how a box with a 4 pixel #3D7A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7A69; -webkit-box-shadow:4px 4px  
4px 4px #3D7A69; box-shadow:4px 4px 4px  
4px #3D7A69 }
```

Background

The CSS property to change the background color of an element to Hex 3D7A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7A69 }
```

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

```
.background{ background-color:#3D7A69 }
```

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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