

Converting Colors

Hex(3D7B48)

Have a look what the booklet for
Hex(3D7B48) contains.

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Color

Hex(3D7B48)

Conversions

Conversions Part 1

Format	Color
Hex	3D7B48
RGB	61, 123, 72
RGB Percent	24%, 48%, 28%
CMY	0.7608, 0.5176, 0.7176
CMYK	0.50, 0.00, 0.41, 0.52
HSL	131°, 34%, 36%
HSV	131°, 50%, 48%
XYZ	10.1771, 15.6259, 8.6106
YIQ	98.6480, -20.5810, -29.0050

Conversions

Conversions Part 2

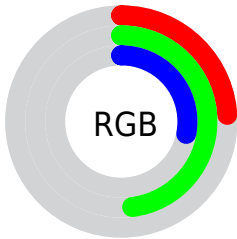
Format	Color
R_{YB}	61, 114, 123
Decimal	4029256
CIE _{Lab}	46.48, -31.88, 21.88
CIE _{LCh}	46, 38.666, 145.541
Y _{xy}	15.6259, 0.2957, 0.4541
Android (android.graphics.Color)	4282219336 (0xFF3D7B48)
YUV	98.6480, -13.1375, -33.0173
Hunter-Lab	39.5296, -23.2210, 14.7558

Details

The Hex color **3D7B48** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7B3D70**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **71B079**, and **02491B** is the 20% darker color. If you saturate the color by 10%, you get **317B3E**, and if you desaturate by 10%, it is **497B52**.

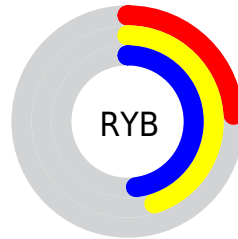
Distribution



Red (24%)

Green (48%)

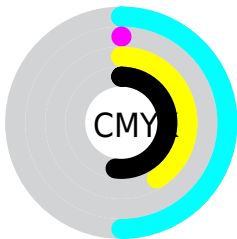
Blue (28%)



Red (24%)

Yellow (45%)

Blue (48%)

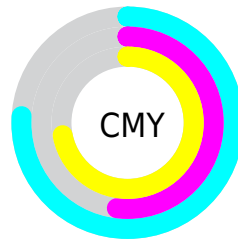


Cyan (50%)

Magenta (0%)

Yellow (41%)

Black (52%)



Cyan (76%)

Magenta (52%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D7B48 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 3D7B48 by changing the saturation by 10% instead.



3D7B48



3D7B48

FFFFFF



236231



71B079



02491B



8BCC93



003203



A7E8AE



001F00



C3FFC9



000000



DFFFE5



FCFFFF



3D7B48



3D7B48



317B3E



497B52

 247B34

 567B5C

 187B2A

 627B66

 0C7B20

 6E7B70

 007B16

 7B7B7B

 877B85

 937B8F

 9F7B99

 AC7BA3

Harmonies

Analogous

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



657531



3D7B48



007E68

Triad

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



3D7B48



1E73AF



AA5554

Complementary

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



3D7B48



7B3D70

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.



A75374



3D7B48



6868A9

Square

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



3D7B48



007BA3



925B93



9D5F39

Rectangle

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



3D7B48



007E7E



925B93



AB535E

Sweetspot

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



3D7B48



89A18D



717B3D



435246



D1D1D1



525252

Same Dimension

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



3D7B48



40A151



3D7B66



373D38



007D16



00FC2D

Inverse Universe

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



7B3D70



A14090



7B3D52



3D373C



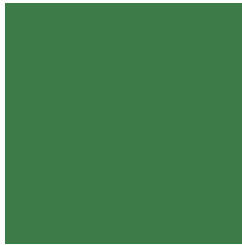
7D0067



FC00D0

Previews

White Background



This preview shows how the Hex color 3D7B48 looks on a white background.

Color Contrast Check

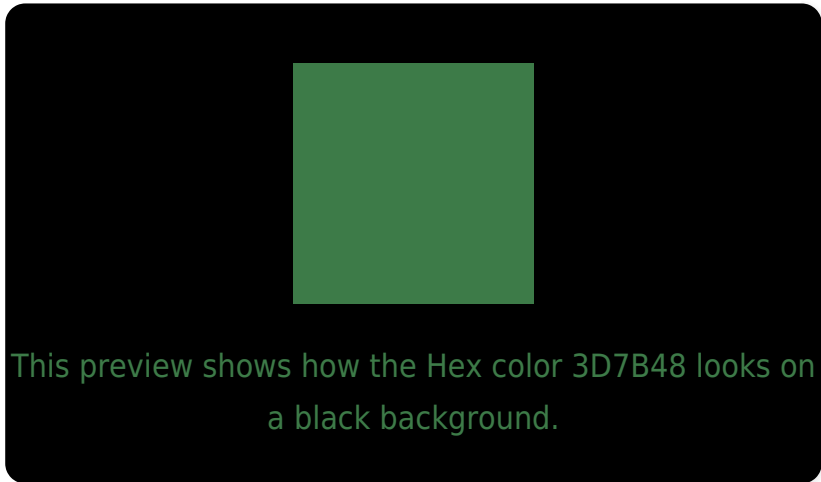
Large Text (above 18pt) WCAG AA ✓ Pass

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

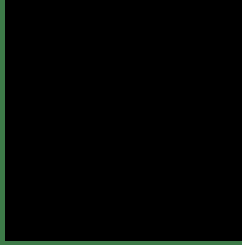
Any Text WCAG AA × Fail

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 3D7B48 Background



This preview shows how black text looks on a background with the Hex color 3D7B48.



This preview shows how white text looks on a background with the Hex color 3D7B48.

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
3D7B48

Protanopia
786E43

Deuteranopia
83694C



Tritanopia
4A757E

Trichromacy



Original Color
3D7B48

Protanomaly
637345

Deuteranomaly
6A704B

Tritanomaly
45776A

Monochromacy



Original Color
3D7B48

Achromatopsia
636363

Achromatomaly
556C59

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D7B48 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 #3D7B48 looks like.

```
.text, #text, p{  
    color:#3D7B48  
}
```

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 #3D7B48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7B48  
}
```

Border

The CSS property to change the border of an element to Hex 3D7B48 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  
#3D7B48 }
```

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

```
.border{ border-color:#3D7B48 }
```

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

Here you see how a box with a 4 pixel #3D7B48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7B48; -webkit-box-shadow:4px 4px  
4px 4px #3D7B48; box-shadow:4px 4px 4px  
4px #3D7B48 }
```

Background

The CSS property to change the background color of an element to Hex 3D7B48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7B48 }
```

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

```
.background{ background-color:#3D7B48 }
```

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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