

Converting Colors

Hex(3D7D44)

Have a look what the booklet for
Hex(3D7D44) contains.

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Color

Hex(3D7D44)

Conversions

Conversions Part 1

Format	Color
Hex	3D7D44
RGB	61, 125, 68
RGB Percent	24%, 49%, 27%
CMY	0.7608, 0.5098, 0.7333
CMYK	0.51, 0.00, 0.46, 0.51
HSL	127°, 34%, 36%
HSV	127°, 51%, 49%
XYZ	10.3015, 16.0767, 8.0290
YIQ	99.3660, -19.8470, -31.2950

Conversions

Conversions Part 2

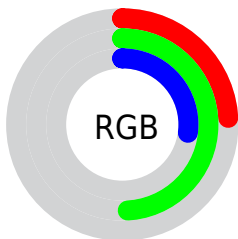
Format	Color
RYB	61, 119, 125
Decimal	4029764
CIELab	47.07, -33.48, 24.88
CIELCh	47, 41.716, 143.384
Yxy	16.0767, 0.2994, 0.4672
Android (android.graphics.Color)	4282219844 (0xFF3D7D44)
YUV	99.3660, -15.4634, -33.6470
Hunter-Lab	40.0957, -24.3070, 16.1944




Details

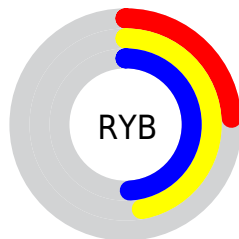
The Hex color **3D7D44** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7D3D76**, and the grayscale version is **646464**.




A 20% lighter version of the original color is **71B275**, and **004B17** is the 20% darker color. If you saturate the color by 10%, you get **317D39**, and if you desaturate by 10%, it is **4A7D4F**.

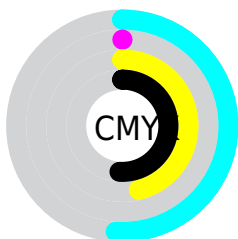
Distribution







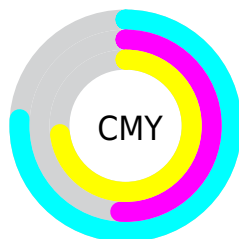
-  Red (24%)
-  Green (49%)
-  Blue (27%)






-  Red (24%)
-  Yellow (47%)
-  Blue (49%)



-  Cyan (51%)
-  Magenta (0%)
-  Yellow (46%)
-  Black (51%)



-  Cyan (76%)
-  Magenta (51%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D7D44 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 3D7D44 by changing the saturation by 10% instead.

■ 3D7D44

■ 3D7D44

FFFFFF

■ 22642D

■ 71B275

■ 004B17

■ 8CCE8F

■ 003400

■ A7EAAA

■ 002000

■ C3FFC5

■ 000000

■ E0FFE1

FDFFFE

■ 3D7D44

■ 3D7D44

■ 317D39

■ 4A7D4F

 247D2E

 567D5A

 177D23

 637D65

 0B7D17

 6F7D71

 007D0E

 7C7D7C

 887D87

 947D92

 A17D9D

 AD7DA8

Harmonies

Analogous

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



68762B



3D7D44



008166

Triad

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



3D7D44



0076B5



B05356

Complementary

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



3D7D44



7D3D76

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.



AC5179



3D7D44



646AB0

Square

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



3D7D44



007DA7



935B9A



A35E38

Rectangle

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



3D7D44



00817F



935B9A



B15161

Sweetspot

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



3D7D44



8BA38D



777D3D



435245



D1D1D1



525252

Same Dimension

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



3D7D44



40A34B



3D7D63



39403A



00800E



000000

Inverse Universe

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



7D3D76



A34098



7D3D57



40393F



800072



000000

Previews

White Background



This preview shows how the Hex color 3D7D44 looks on a white background.

Color Contrast Check

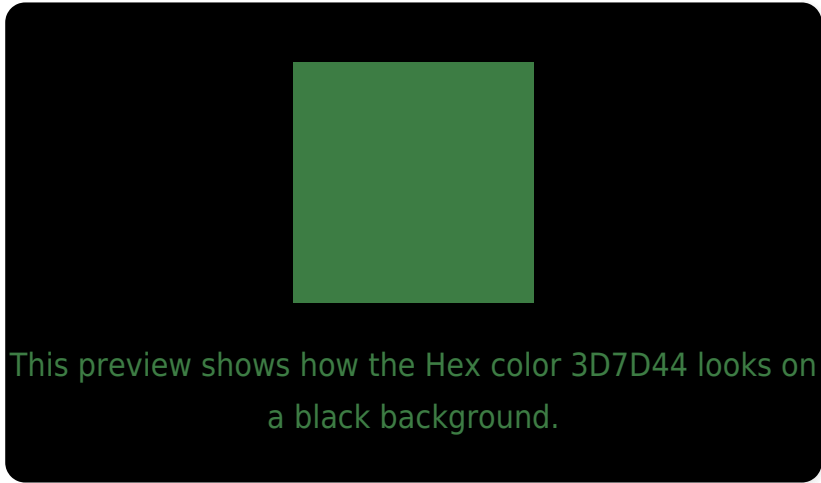
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D7D44 Background



This preview shows how black text looks on a background with the Hex color 3D7D44.



This preview shows how white text looks on a background with the Hex color 3D7D44.

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
3D7D44

Protanopia
7A6F3F

Deuteranopia
856A49



Tritanopia
4B7680

Trichromacy



Original Color
3D7D44

Protanomaly
647441

Deuteranomaly
6B7147

Tritanomaly
46796A

Monochromacy



Original Color
3D7D44

Achromatopsia
636363

Achromatomaly
556C58

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D7D44 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 #3D7D44 looks like.

```
.text, #text, p{  
    color:#3D7D44  
}
```

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 #3D7D44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7D44
}
```

Border

The CSS property to change the border of an element to Hex 3D7D44 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
#3D7D44 }
```

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

```
.border{ border-color:#3D7D44 }
```

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

Here you see how a box with a 4 pixel #3D7D44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7D44; -webkit-box-shadow:4px 4px  
4px 4px #3D7D44; box-shadow:4px 4px 4px  
4px #3D7D44 }
```

Background

The CSS property to change the background color of an element to Hex 3D7D44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7D44 }
```

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

```
.background{ background-color:#3D7D44 }
```

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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