

Converting Colors

Hex(3D633C)

Have a look what the booklet for
Hex(3D633C) contains.

| | |
|------------------------------------------------|----|
| Hex(3D633C) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(3D633C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 3D633C |
| RGB | 61, 99, 60 |
| RGB Percent | 24%, 39%, 24% |
| CMY | 0.7608, 0.6118, 0.7647 |
| CMYK | 0.38, 0.00, 0.39, 0.61 |
| HSL | 118°, 25%, 31% |
| HSV | 118°, 39%, 39% |
| XYZ | 7.2019, 10.2420, 5.8723 |
| YIQ | 83.1920, -10.1290, -20.1850 |

Conversions

Conversions Part 2

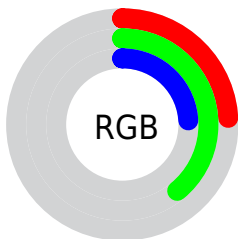
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 60, 99, 98 |
| Decimal | 4023100 |
| CIELab | 38.27, -22.36, 18.01 |
| CIElCh | 38, 28.710, 141.145 |
| Yxy | 10.2420, 0.3089, 0.4393 |
| Android (android.graphics.Color) | 4282213180 (0xFF3D633C) |
| YUV | 83.1920, -11.4337, -19.4624 |
| Hunter-Lab | 32.0032, -15.8363, 11.5230 |

Details

The Hex color **3D633C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **623C63**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6E966C**, and **0D3411** is the 20% darker color. If you saturate the color by 10%, you get **336332**, and if you desaturate by 10%, it is **476346**.

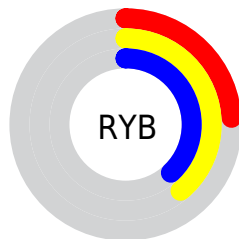
Distribution



Red (24%)

Green (39%)

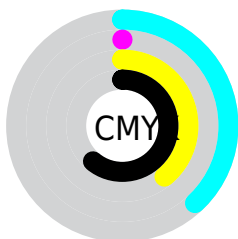
Blue (24%)



Red (24%)

Yellow (39%)

Blue (38%)

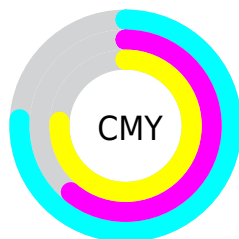


Cyan (38%)

Magenta (0%)

Yellow (39%)

Black (61%)



Cyan (76%)

Magenta (61%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D633C 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 3D633C by changing the saturation by 10% instead.

 3D633C

 3D633C

FFFFFF

 254B26

 6E966C

 0D3411

 88B185

 001F00

 A3CC9F

 000000

 BEE9BA

 DAFFD6

 F7FFF3

 3D633C

 3D633C

 336332

 476346

 2A6328

 506350

 20631E


 5A635A

 166314

 646364

 0D630A

 6D636E

 036301

 776377

 036300

 816381

 8A638B

 946395

Harmonies

Analogous

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



585E2D



3D633C



176652

Triad

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



3D633C



245F88



86484B

Complementary

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



3D633C



623C63

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.



824862



3D633C



525785

Square

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



3D633C



00647E



704E77



7F4E37

Rectangle

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



3D633C



006662



704E77



864752

Sweetspot

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



3D633C



718070



63623C



374037



BFBFBF



404040

Same Dimension

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



3D633C



458044



3C634E



2C302C



037000



06F000

Inverse Universe

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



623C63



7E4480



633C51



302C30



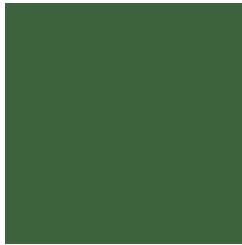
6D0070



EA00F0

Previews

White Background



This preview shows how the Hex color 3D633C looks on a white background.

Color Contrast Check

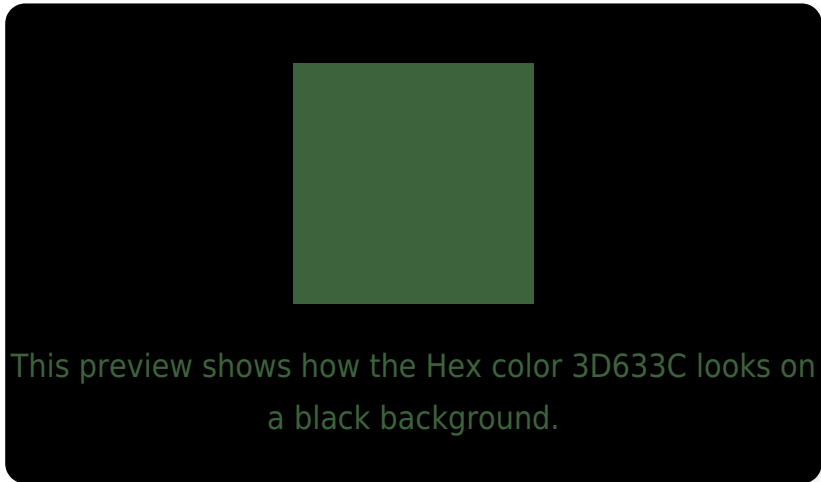
Large Text (above 18pt) WCAG AA ✓ Pass

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

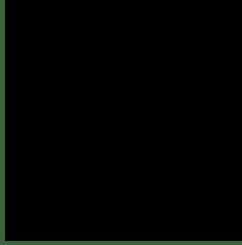
Any Text WCAG AA × Fail

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 3D633C Background



This preview shows how black text looks on a background with the Hex color 3D633C.



This preview shows how white text looks on a background with the Hex color 3D633C.

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
3D633C

Protanopia
625A38

Deuteranopia
6B563F



Tritanopia
455E66

Trichromacy



Original Color
3D633C

Protanomaly
555D39

Deuteranomaly
5A5B3E

Tritanomaly
426057

Monochromacy



Original Color
3D633C

Achromatopsia
535353

Achromatomaly
4B594B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D633C 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 #3D633C looks like.

```
.text, #text, p{  
    color:#3D633C  
}
```

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 #3D633C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D633C
}
```

Border

The CSS property to change the border of an element to Hex 3D633C 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
#3D633C }
```

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

```
.border{ border-color:#3D633C }
```

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

Here you see how a box with a 4 pixel #3D633C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D633C; -webkit-box-shadow:4px 4px  
4px 4px #3D633C; box-shadow:4px 4px 4px  
4px #3D633C }
```

Background

The CSS property to change the background color of an element to Hex 3D633C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D633C }
```

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

```
.background{ background-color:#3D633C }
```

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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