

Converting Colors

Hex(34683D)

Have a look what the booklet for
Hex(34683D) contains.

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Color

Hex(34683D)

Conversions

Conversions Part 1

Format	Color
Hex	34683D
RGB	52, 104, 61
RGB Percent	20%, 41%, 24%
CMY	0.7961, 0.5922, 0.7608
CMYK	0.50, 0.00, 0.41, 0.59
HSL	130°, 33%, 31%
HSV	130°, 50%, 41%
XYZ	7.2088, 10.9676, 6.1519
YIQ	83.5500, -17.1890, -24.3970

Conversions

Conversions Part 2

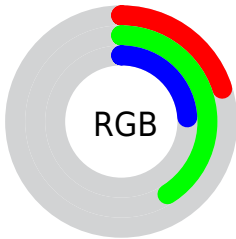
Format	Color
RYB	52, 96, 104
Decimal	3434557
CIELab	39.53, -27.69, 18.99
CIELCh	40, 33.575, 145.557
Yxy	10.9676, 0.2963, 0.4508
Android (android.graphics.Color)	4281624637 (0xFF34683D)
YUV	83.5500, -11.1171, -27.6693
Hunter-Lab	33.1174, -19.1006, 12.1684




Details

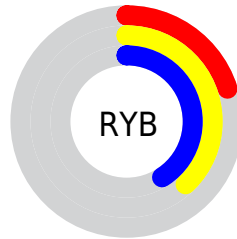
The Hex color **34683D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **68345F**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **669C6D**, and **003812** is the 20% darker color. If you saturate the color by 10%, you get **2A6834**, and if you desaturate by 10%, it is **3E6846**.

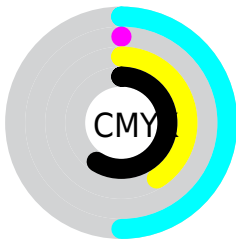
Distribution







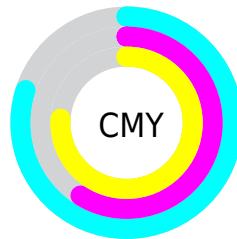
-  Red (20%)
-  Green (41%)
-  Blue (24%)






-  Red (20%)
-  Yellow (38%)
-  Blue (41%)



-  Cyan (50%)
-  Magenta (0%)
-  Yellow (41%)
-  Black (59%)



-  Cyan (80%)
-  Magenta (59%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34683D 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 34683D by changing the saturation by 10% instead.



34683D



34683D

FFFFFF



1B5027



669C6D



003812



80B786



002300



9BD2A1



000000



B6EFBC



D2FFD8



FFFFFF4



34683D



34683D



2A6834



3E6846

 1F682C

 49684E

 156823

 536857

 0A681B

 5E685F

 006812

 686868

 726871

 7D6879

 876882

 92688A

Harmonies

Analogous

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



56632A



34683D



006B58

Triad

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



34683D



1C6193



904847

Complementary

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



34683D



68345F

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.



8D4662



34683D



58588E

Square

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



34683D



00688A



7B4D7C



855031

Rectangle

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



34683D



006B6B



7B4D7C



914650

Sweetspot

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



34683D



738776



5F6834



38453B



C4C4C4



454545

Same Dimension

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



34683D



368744



346857



2E332F



007314



00F22A

Inverse Universe

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



68345F



873679



683445



332E32



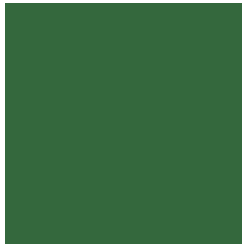
73005F



F200C8

Previews

White Background



This preview shows how the Hex color 34683D looks on a white background.

Color Contrast Check

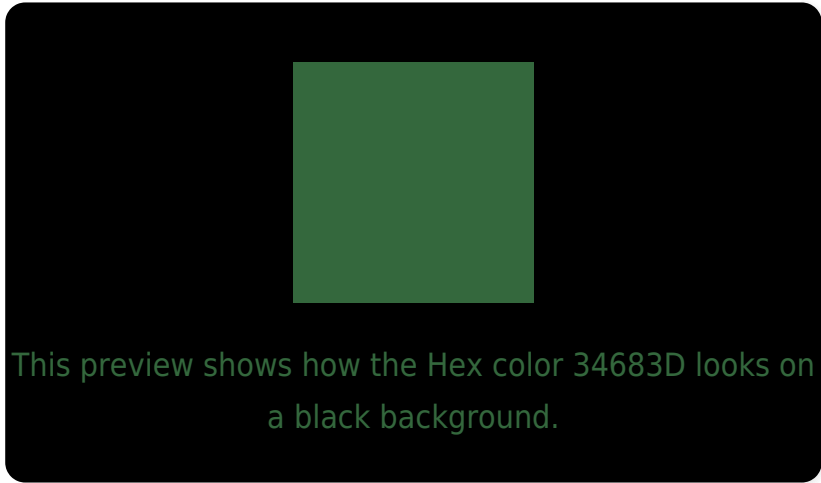
Large Text (above 18pt) WCAG AA ✓ Pass

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

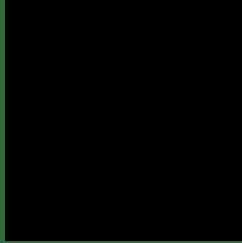
Any Text WCAG AA × Fail

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 34683D Background



This preview shows how black text looks on a background with the Hex color 34683D.



This preview shows how white text looks on a background with the Hex color 34683D.

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
34683D

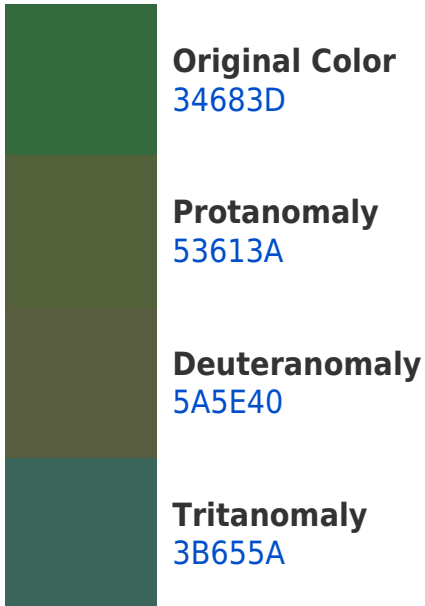
Protanopia
655D39

Deuteranopia
6F5941



Tritanopia
3F636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34683D 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 #34683D looks like.

```
.text, #text, p{  
    color:#34683D  
}
```

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 #34683D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34683D
}
```

Border

The CSS property to change the border of an element to Hex 34683D 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".

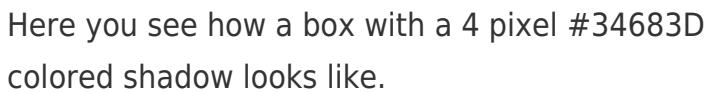
```
.border, #border, table{ border:4px solid
#34683D }
```

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

```
.border{ border-color:#34683D }
```

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

Here you see how a box with a 4 pixel #34683D colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34683D; -webkit-box-shadow:4px 4px  
4px 4px #34683D; box-shadow:4px 4px 4px  
4px #34683D }
```

Background

The CSS property to change the background color of an element to Hex 34683D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34683D }
```

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

```
.background{ background-color:#34683D }
```

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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