

Converting Colors

Hex(34683A)

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

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Color

Hex(34683A)

Conversions

Conversions Part 1

Format	Color
Hex	34683A
RGB	52, 104, 58
RGB Percent	20%, 41%, 23%
CMY	0.7961, 0.5922, 0.7725
CMYK	0.50, 0.00, 0.44, 0.59
HSL	127°, 33%, 31%
HSV	127°, 50%, 41%
XYZ	7.1302, 10.9362, 5.7381
YIQ	83.2080, -16.2260, -25.3300

Conversions

Conversions Part 2

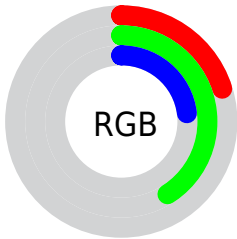
Format	Color
RYB	52, 99, 104
Decimal	3434554
CIELab	39.47, -28.23, 20.66
CIElCh	39, 34.984, 143.805
Yxy	10.9362, 0.2995, 0.4594
Android (android.graphics.Color)	4281624634 (0xFF34683A)
YUV	83.2080, -12.4275, -27.3694
Hunter-Lab	33.0699, -19.3859, 12.8613

Details

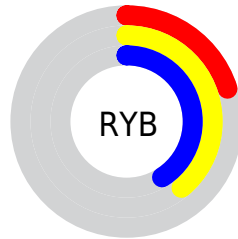
The Hex color **34683A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **683462**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **669C6A**, and **00380E** is the 20% darker color. If you saturate the color by 10%, you get **2A6831**, and if you desaturate by 10%, it is **3E6843**.

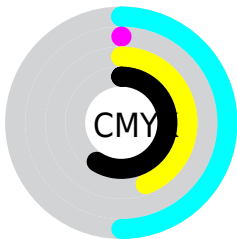
Distribution



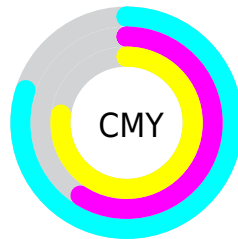
- Red (20%)
- Green (41%)
- Blue (23%)



- Red (20%)
- Yellow (39%)
- Blue (41%)



- Cyan (50%)
- Magenta (0%)
- Yellow (44%)
- Black (59%)



- Cyan (80%)
- Magenta (59%)
- Yellow (77%)

Brightness & Saturation Gradients

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



34683A



34683A

FFFFFF



1B5024



669C6A



00380E



80B783



002300



9BD29D



000000



B6EFB8



D3FFD4



FFFFFF1



34683A



34683A



2A6831



3E6843

■ 1F6828

■ 49684C

■ 15681E

■ 536856

■ 0A6815

■ 5E685F

■ 00680C

■ 686868

■ 726871

■ 7D687A

■ 876884

■ 92688D

Harmonies

Analogous

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



576226



34683A



006B56

Triad

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



34683A



086295



924648

Complementary

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



34683A



683462

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.



8E4564



34683A



555891

Square

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



34683A



00688A



7A4D7F



874F30

Rectangle

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



34683A



006B6A



7A4D7F



924551

Sweetspot

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



34683A



738775



636834



38453A



C4C4C4



454545

Same Dimension

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



34683A



36873F



346853



2E332E



00730D



00F21C

Inverse Universe

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



683462



87367E



683449



332E32



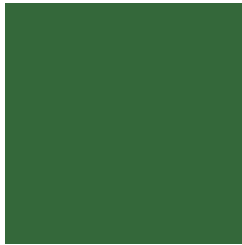
730066



F200D6

Previews

White Background



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

Color Contrast Check

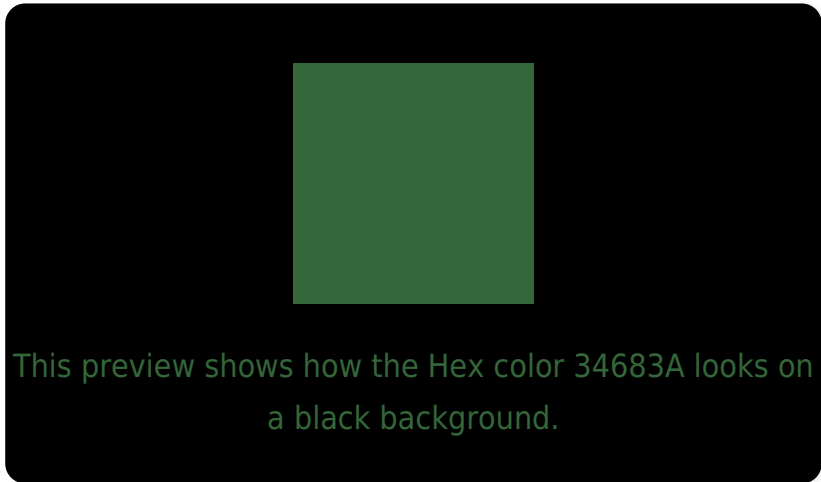
Large Text (above 18pt) WCAG AA ✓ Pass

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 34683A Background



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



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

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
34683A

Protanopia
655D36

Deuteranopia
6F593E



Tritanopia
3F626A

Trichromacy



Original Color
34683A

Protanomaly
536137

Deuteranomaly
5A5E3D

Tritanomaly
3B6459

Monochromacy



Original Color
34683A

Achromatopsia
535353

Achromatomaly
485B4A

CSS Examples

Text

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

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

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 #34683A colored shadow looks like.

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

Border

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

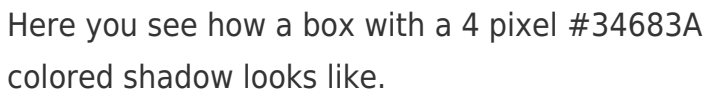
```
.border, #border, table{ border:4px solid
#34683A }
```

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

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

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

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



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

Background

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

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

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

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

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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