

Converting Colors

Hex(35683C)

Have a look what the booklet for
Hex(35683C) contains.

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Color

Hex(35683C)

Conversions

Conversions Part 1

Format	Color
Hex	35683C
RGB	53, 104, 60
RGB Percent	21%, 41%, 24%
CMY	0.7922, 0.5922, 0.7647
CMYK	0.49, 0.00, 0.42, 0.59
HSL	128°, 32%, 31%
HSV	128°, 49%, 41%
XYZ	7.2341, 10.9838, 6.0138
YIQ	83.7350, -16.2720, -24.4960

Conversions

Conversions Part 2

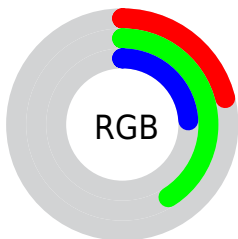
Format	Color
RYB	53, 98, 104
Decimal	3500092
CIELab	39.55, -27.56, 19.62
CIELCh	40, 33.827, 144.558
Yxy	10.9838, 0.2985, 0.4533
Android (android.graphics.Color)	4281690172 (0xFF35683C)
YUV	83.7350, -11.7014, -26.9546
Hunter-Lab	33.1418, -19.0354, 12.4407

Details

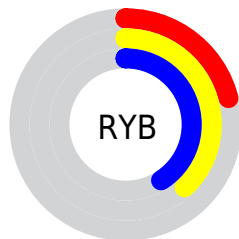
The Hex color **35683C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **683561**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **679C6C**, and **003810** is the 20% darker color. If you saturate the color by 10%, you get **2B6833**, and if you desaturate by 10%, it is **3F6845**.

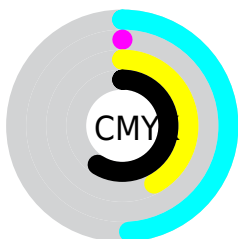
Distribution



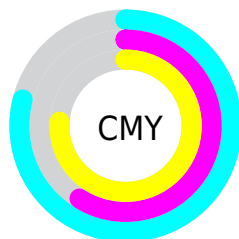
- Red (21%)
- Green (41%)
- Blue (24%)



- Red (21%)
- Yellow (38%)
- Blue (41%)



- Cyan (49%)
- Magenta (0%)
- Yellow (42%)
- Black (59%)



- Cyan (79%)
- Magenta (59%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35683C 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 35683C by changing the saturation by 10% instead.

 35683C

 35683C

FFFFFF

 1C5026

 679C6C

 003810

 81B785

 002300

 9CD2A0

 000000

 B7EFBB

 D3FFD7

 F0FFF3

 35683C

 35683C

 2B6833

 3F6845

■ 20682A

■ 4A684E

■ 166821

■ 546857

■ 0B6818

■ 5F6860

■ 01680F

■ 696869

■ 00680E

■ 736872

■ 7E687B

■ 886884

■ 93688D

Harmonies

Analogous

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



576229



35683C



006B57

Triad

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



35683C



176294



904748

Complementary

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



35683C



683561

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.



8D4663



35683C



57588F

Square

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



35683C



006889



7A4D7D



865031

Rectangle

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



35683C



006B6A



7A4D7D



914651

Sweetspot

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



35683C



738776



616835



38453A



C4C4C4



454545

Same Dimension

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



35683C



378742



356855



2E332F



007310



00F221

Inverse Universe

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



683561



87377C



683548



332E32



730063



F200D1

Previews

White Background



This preview shows how the Hex color 35683C looks on a white background.

Color Contrast Check

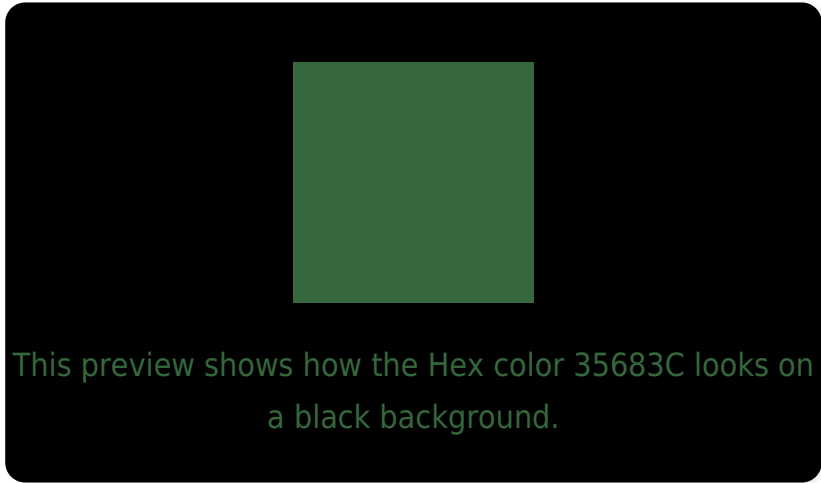
Large Text (above 18pt) WCAG AA ✓ Pass

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

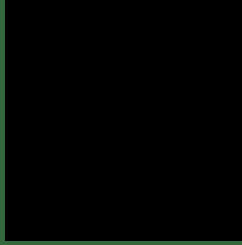
Any Text WCAG AA × Fail

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 35683C Background



This preview shows how black text looks on a background with the Hex color 35683C.



This preview shows how white text looks on a background with the Hex color 35683C.

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
35683C

Protanopia
655D38

Deuteranopia
6F5940



Tritanopia
40636B

Trichromacy



Original Color
35683C

Protanomaly
546139

Deuteranomaly
5A5E3F

Tritanomaly
3C655A

Monochromacy



Original Color
35683C

Achromatopsia
545454

Achromatomaly
495B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 35683C 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 #35683C looks like.

```
.text, #text, p{  
    color:#35683C  
}
```

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 #35683C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35683C
}
```

Border

The CSS property to change the border of an element to Hex 35683C 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".

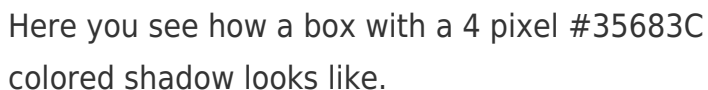
```
.border, #border, table{ border:4px solid
#35683C }
```

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

```
.border{ border-color:#35683C }
```

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

Here you see how a box with a 4 pixel #35683C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35683C; -webkit-box-shadow:4px 4px  
4px 4px #35683C; box-shadow:4px 4px 4px  
4px #35683C }
```

Background

The CSS property to change the background color of an element to Hex 35683C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35683C }
```

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

```
.background{ background-color:#35683C }
```

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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