

# Converting Colors

Hex(39663D)

Have a look what the booklet for  
Hex(39663D) contains.

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# Color

**Hex(39663D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39663D
RGB	57, 102, 61
RGB Percent	22%, 40%, 24%
CMY	0.7765, 0.6000, 0.7608
CMYK	0.44, 0.00, 0.40, 0.60
HSL	125°, 28%, 31%
HSV	125°, 44%, 40%
XYZ	7.2810, 10.7095, 6.0983
YIQ	83.8710, -13.6590, -22.2910

# Conversions

## Conversions Part 2

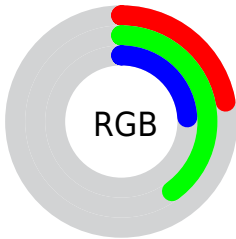
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 98, 102
Decimal	3761725
CIELab	39.09, -25.09, 18.46
CIELCh	39, 31.149, 143.664
Yxy	10.7095, 0.3023, 0.4446
Android (android.graphics.Color)	4281951805 (0xFF39663D)
YUV	83.8710, -11.2754, -23.5659
Hunter-Lab	32.7254, -17.5553, 11.8593

# Details

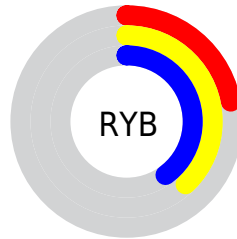
The Hex color **39663D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **663962**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6B996D**, and **063612** is the 20% darker color. If you saturate the color by 10%, you get **2F6634**, and if you desaturate by 10%, it is **436646**.

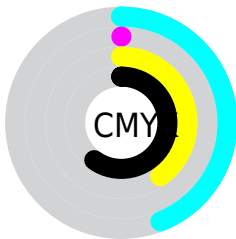
# Distribution



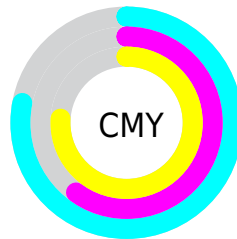
- Red (22%)
- Green (40%)
- Blue (24%)



- Red (22%)
- Yellow (38%)
- Blue (40%)



- Cyan (44%)
- Magenta (0%)
- Yellow (40%)
- Black (60%)



- Cyan (78%)
- Magenta (60%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39663D 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 39663D by changing the saturation by 10% instead.





39663D



39663D

FFFFFF



214E27



6B996D



063612



85B486



002200



9FD0A1



000000



BBECBC



D7FFD8



F3FFF4



39663D



39663D



2F6634



436646

■ 25662A

■ 4D6650

■ 1A6621

■ 586659

■ 106618

■ 626662

■ 06660F

■ 6C666B

■ 006609

■ 766675

■ 80667E

■ 8B6687

■ 956691

# Harmonies

## Analogous

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



57612C



39663D



016956

# Triad

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



39663D



21608E



8C4849

# Complementary

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



39663D



663962

# 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.



884763



39663D



56588A

# Square

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



39663D



006684



764E7A



835034

# Rectangle

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



39663D



006967



764E7A



8C4751



# Sweetspot

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



39663D



738575



626639



384239



C2C2C2



424242



# Same Dimension

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



39663D



3E8545



396653



2E332E



00730A



00F216



# Inverse Universe

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



663962



853E7E



66394C



332E33



730069

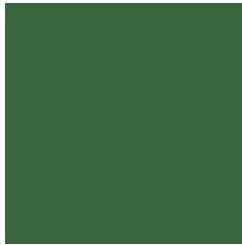


F200DD



# Previews

## White Background



This preview shows how the Hex color 39663D looks on a white background.

## Color Contrast Check

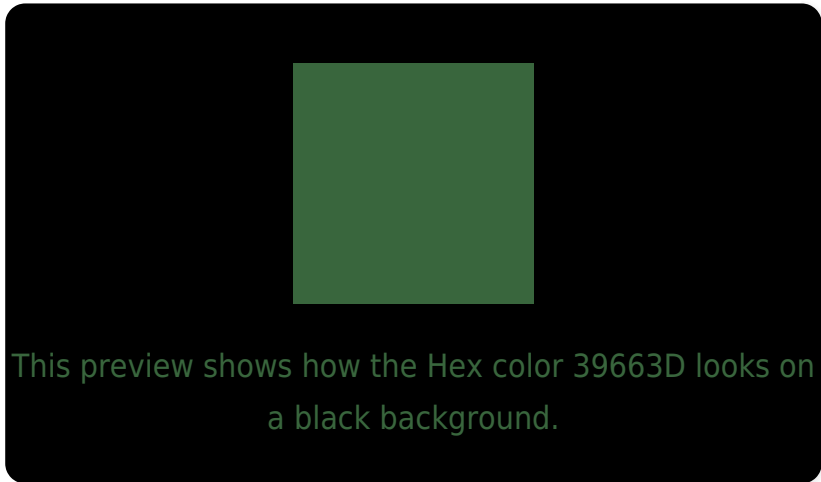
Large Text (above 18pt) WCAG AA ✓ Pass

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

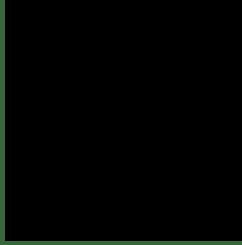
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 39663D Background



This preview shows how black text looks on a background with the Hex color 39663D.



This preview shows how white text looks on a background with the Hex color 39663D.

# 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**  
39663D

**Protanopia**  
645C39

**Deuteranopia**  
6D5840



**Tritanopia**  
426169

# Trichromacy



**Original Color**  
39663D

**Protanomaly**  
54603A

**Deuteranomaly**  
5A5D3F

**Tritanomaly**  
3F6359

# Monochromacy



**Original Color**  
39663D

**Achromatopsia**  
545454

**Achromatomaly**  
4A5B4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39663D 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 #39663D looks like.

```
.text, #text, p{  
    color:#39663D  
}
```

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 #39663D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39663D
}
```

## Border

The CSS property to change the border of an element to Hex 39663D 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
#39663D }
```

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

```
.border{ border-color:#39663D }
```

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

Here you see how a box with a 4 pixel #39663D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39663D; -webkit-box-shadow:4px 4px  
4px 4px #39663D; box-shadow:4px 4px 4px  
4px #39663D }
```

# Background

The CSS property to change the background color of an element to Hex 39663D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39663D }
```

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

```
.background{ background-color:#39663D }
```

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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