

Converting Colors

Hex(00693D)

Have a look what the booklet for
Hex(00693D) contains.

Hex(00693D)	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(00693D)

Conversions

Conversions Part 1

Format	Color
Hex	00693D
RGB	0, 105, 61
RGB Percent	0%, 41%, 24%
CMY	1.0000, 0.5882, 0.7608
CMYK	1.00, 0.00, 0.42, 0.59
HSL	155°, 100%, 21%
HSV	155°, 100%, 41%
XYZ	5.8939, 10.4401, 6.1194
YIQ	68.5890, -48.4560, -35.9440

Conversions

Conversions Part 2

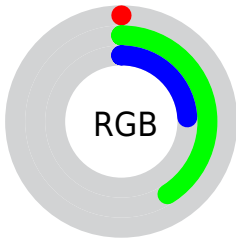
Format	Color
RYB	0, 66, 105
Decimal	26941
CIELab	38.62, -37.53, 17.57
CIElCh	39, 41.437, 154.919
Yxy	10.4401, 0.2625, 0.4650
Android (android.graphics.Color)	4278217021 (0xFF00693D)
YUV	68.5890, -3.7414, -60.1526
Hunter-Lab	32.3111, -23.9842, 11.3889

Details

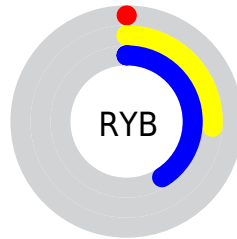
The Hex color **00693D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **69002C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **479D6D**, and **003812** is the 20% darker color. If you saturate the color by 10%, you get **00693D**, and if you desaturate by 10%, it is **0A6941**.

Distribution



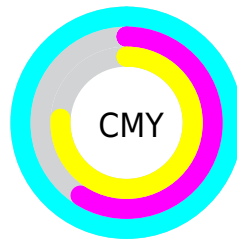
- Red (0%)
- Green (41%)
- Blue (24%)



- Red (0%)
- Yellow (26%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00693D 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 00693D by changing the saturation by 10% instead.

 00693D

 00693D

FFFFFF

 005027

 479D6D

 003812

 62B886

 002400

 7ED4A1

 000000

 99F1BC

 B6FFD8

 D2FFF4

 EFFFFFF

 00693D

 0A6941

 156946

 20694A

 2A694F

 356953

 3F6957

 4A695C

 546960

 5F6965

Harmonies

Analogous

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



446420



00693D



006B60

Triad

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



00693D



145D9E



944236

Complementary

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



00693D



69002C

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.



973B57



00693D



635092

Square

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



00693D



006698



884278



834F1C

Rectangle

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



00693D



006B76



884278



973E41

Sweetspot

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



00693D



608A78



2D6900



2C453A



C4C4C4



454545

Same Dimension

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



00693D



008A50



006269



303633



007544



00F58E

Inverse Universe

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



69002C



8A003A



690700



363032



750031



F50067

Previews

White Background



This preview shows how the Hex color 00693D looks on a white background.

Color Contrast Check

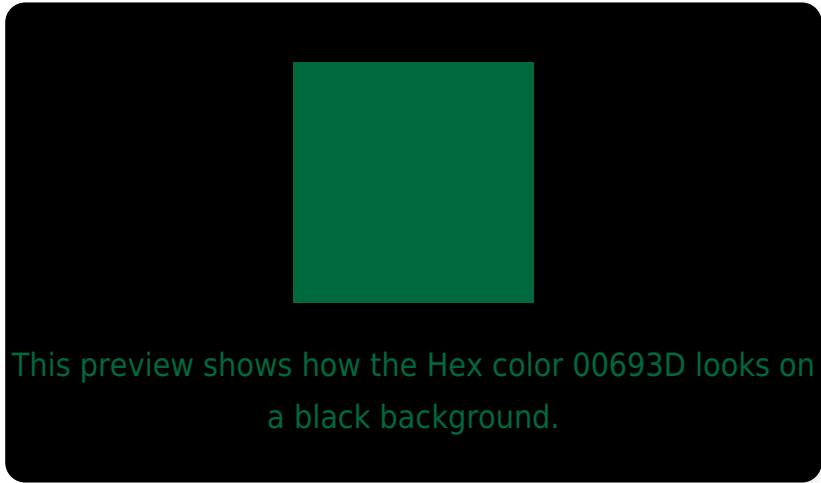
Large Text (above 18pt) WCAG AA ✓ Pass

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

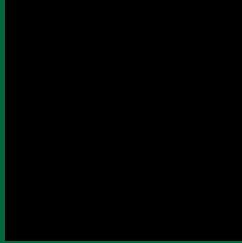
Any Text WCAG AA × Fail

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 00693D Background



This preview shows how black text looks on a background with the Hex color 00693D.



This preview shows how white text looks on a background with the Hex color 00693D.

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
00693D

Protanopia
635B38

Deuteranopia
6C5741



Tritanopia
27646C

Trichromacy



Original Color
00693D



Protanomaly
3F603A



Deuteranomaly
455E40



Tritanomaly
19665B

Monochromacy



Original Color
00693D



Achromatopsia
454545



Achromatomaly
2C5242

CSS Examples

Text

The CSS property to change the color of the text to Hex 00693D 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 #00693D looks like.

```
.text, #text, p{  
    color:#00693D  
}
```

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 #00693D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00693D
}
```

Border

The CSS property to change the border of an element to Hex 00693D 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
#00693D }
```

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

```
.border{ border-color:#00693D }
```

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

Here you see how a box with a 4 pixel #00693D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00693D; -webkit-box-shadow:4px 4px  
4px 4px #00693D; box-shadow:4px 4px 4px  
4px #00693D }
```

Background

The CSS property to change the background color of an element to Hex 00693D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00693D }
```

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

```
.background{ background-color:#00693D }
```

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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