

# Converting Colors

Hex(00663F)

Have a look what the booklet for  
Hex(00663F) contains.

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# Color

**Hex(00663F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00663F
RGB	0, 102, 63
RGB Percent	0%, 40%, 25%
CMY	1.0000, 0.6000, 0.7529
CMYK	1.00, 0.00, 0.38, 0.60
HSL	157°, 100%, 20%
HSV	157°, 100%, 40%
XYZ	5.6486, 9.8616, 6.3084
YIQ	67.0560, -48.2730, -33.7530

# Conversions

## Conversions Part 2

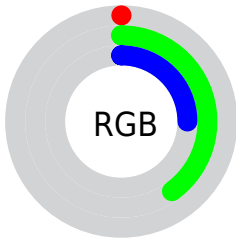
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 63, 102
Decimal	26175
CIELab	37.59, -35.88, 15.01
CIELCh	38, 38.897, 157.298
Yxy	9.8616, 0.2589, 0.4520
Android (android.graphics.Color)	4278216255 (0xFF00663F)
YUV	67.0560, -1.9996, -58.8081
Hunter-Lab	31.4032, -22.8484, 10.0719

# Details

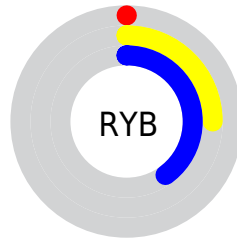
The Hex color **00663F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **660027**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **469A6F**, and **003614** is the 20% darker color. If you saturate the color by 10%, you get **00663F**, and if you desaturate by 10%, it is **0A6643**.

# Distribution



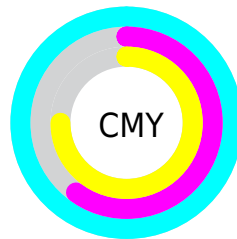
- Red (0%)
- Green (40%)
- Blue (25%)



- Red (0%)
- Yellow (25%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00663F 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 00663F by changing the saturation by 10% instead.



 00663F

 00663F

FFFFFF

 004D29

 469A6F

 003614

 61B588

 002200

 7CD1A3

 000000

 98EDBE

 B4FFDA

 D1FFF6

 EEEFFF

 00663F

 0A6643

 146647

 1F664B

 29664F

 336653

 3D6656

 47665A

 52665E

 5C6662

# Harmonies

## Analogous

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



416123



00663F



00685F

# Triad

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



00663F



265997



8E4234

# Complementary

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



00663F



660027

# 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.



923B52



00663F



644D8B

# Square

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



00663F



006292



854071



7C4E1D

# Rectangle

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



00663F



006774



854071



913F3E



# Sweetspot

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



00663F



5D8575



276600



2A4239



C2C2C2



424242



# Same Dimension

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



00663F



008552



005A66



2E3331



007347



00F296



# Inverse Universe

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



660027



850033



660C00



332E30



73002C



F2005D



# Previews

## White Background



This preview shows how the Hex color 00663F looks on a white background.

## Color Contrast Check

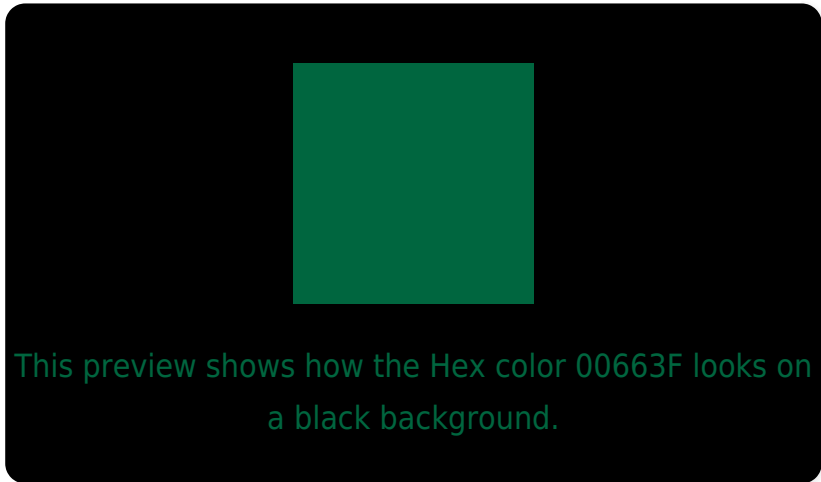
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

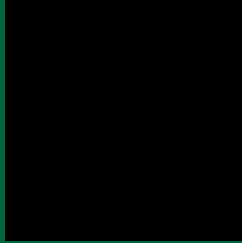
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00663F Background



This preview shows how black text looks on a background with the Hex color 00663F.

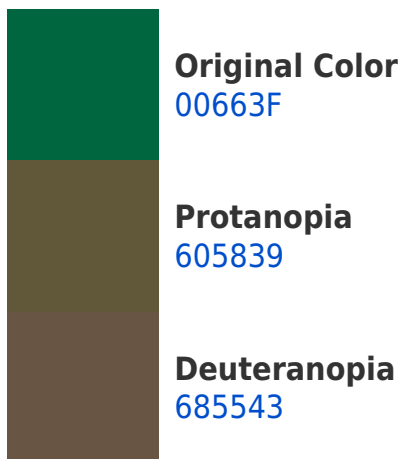


This preview shows how white text looks on a background with the Hex color 00663F.

# 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





**Tritanopia**  
256169

# Trichromacy



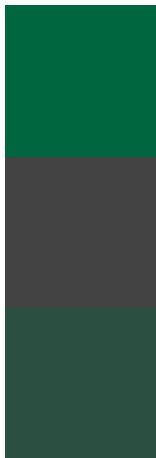
**Original Color**  
00663F

**Protanomaly**  
3D5D3B

**Deuteranomaly**  
425B42

**Tritanomaly**  
18635A

# Monochromacy



**Original Color**  
00663F

**Achromatopsia**  
434343

**Achromatomaly**  
2B5042

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00663F 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 #00663F looks like.

```
.text, #text, p{  
    color:#00663F  
}
```

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 #00663F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00663F
}
```

## Border

The CSS property to change the border of an element to Hex 00663F 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
#00663F }
```

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

```
.border{ border-color:#00663F }
```

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

Here you see how a box with a 4 pixel #00663F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00663F; -webkit-box-shadow:4px 4px  
4px 4px #00663F; box-shadow:4px 4px 4px  
4px #00663F }
```

# Background

The CSS property to change the background color of an element to Hex 00663F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00663F }
```

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

```
.background{ background-color:#00663F }
```

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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