

Converting Colors

Hex(00694D)

Have a look what the booklet for
Hex(00694D) contains.

Hex(00694D)	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(00694D)

Conversions

Conversions Part 1

Format	Color
Hex	00694D
RGB	0, 105, 77
RGB Percent	0%, 41%, 30%
CMY	1.0000, 0.5882, 0.6980
CMYK	1.00, 0.00, 0.27, 0.59
HSL	164°, 100%, 21%
HSV	164°, 100%, 41%
XYZ	6.3911, 10.6390, 8.7379
YIQ	70.4130, -53.5920, -30.9680

Conversions

Conversions Part 2

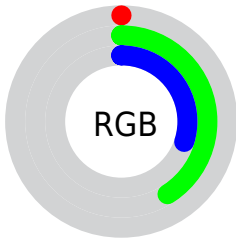
Format	Color
RYB	0, 61, 105
Decimal	26957
CIELab	38.97, -33.60, 8.50
CIELCh	39, 34.658, 165.801
Yxy	10.6390, 0.2480, 0.4129
Android (android.graphics.Color)	4278217037 (0xFF00694D)
YUV	70.4130, 3.2474, -61.7522
Hunter-Lab	32.6174, -22.1048, 6.9491

Details

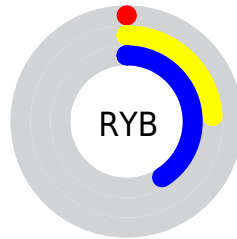
The Hex color **00694D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **69001C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **479D7E**, and **003921** is the 20% darker color. If you saturate the color by 10%, you get **00694D**, and if you desaturate by 10%, it is **0A6950**.

Distribution



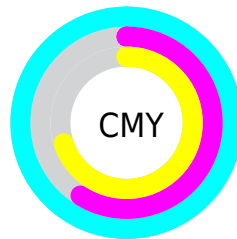
- Red (0%)
- Green (41%)
- Blue (30%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00694D 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 00694D by changing the saturation by 10% instead.

 00694D

 00694D

FFFFFF

 005036

 479D7E

 003921

 63B898

 00240A

 7ED4B3

 000000

 9AF1CE

 B6FFEA

 D3FFFF

 F0FFFF

 00694D

■ 0A6950

■ 156953

■ 206955

■ 2A6958

■ 35695B

■ 3F695E

■ 4A6961

■ 546963

■ 5F6966

Harmonies

Analogous

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



3E6533



00694D



006A6A

Triad

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



00694D



475A92



894B35

Complementary

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



00694D



69001C

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.



90444E



00694D



714E83

Square

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



00694D



006392



89456A



775624

Rectangle

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



00694D



00697C



89456A



8D483C

Sweetspot

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



00694D



608A7F



1C6900



2C453E



C4C4C4



454545

Same Dimension

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



00694D



008A65



005069



303634



007556



00F5B4

Inverse Universe

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



69001C



8A0025



691900



363032



75001F



F50041

Previews

White Background



This preview shows how the Hex color 00694D looks on a white background.

Color Contrast Check

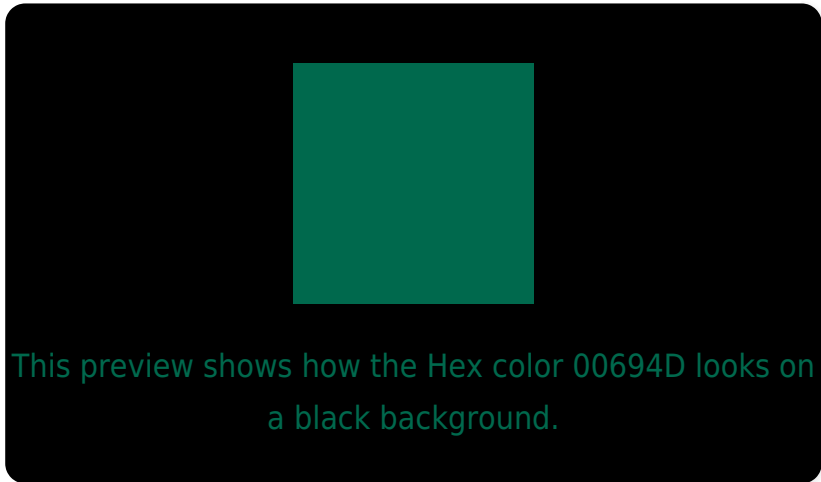
Large Text (above 18pt) WCAG AA ✓ Pass

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

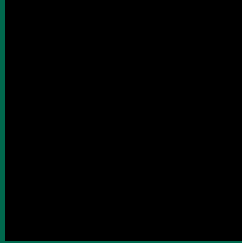
Any Text WCAG AA × Fail

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 00694D Background



This preview shows how black text looks on a background with the Hex color 00694D.



This preview shows how white text looks on a background with the Hex color 00694D.

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
00694D

Protanopia
625C47

Deuteranopia
695851



Tritanopia
22656D

Trichromacy



Original Color
00694D



Protanomaly
3E6149



Deuteranomaly
435E50



Tritanomaly
166661

Monochromacy



Original Color
00694D



Achromatopsia
464646



Achromatomaly
2D5349

CSS Examples

Text

The CSS property to change the color of the text to Hex 00694D 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 #00694D looks like.

```
.text, #text, p{  
    color:#00694D  
}
```

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 #00694D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00694D
}
```

Border

The CSS property to change the border of an element to Hex 00694D 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
#00694D }
```

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

```
.border{ border-color:#00694D }
```

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

Here you see how a box with a 4 pixel #00694D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00694D; -webkit-box-shadow:4px 4px  
4px 4px #00694D; box-shadow:4px 4px 4px  
4px #00694D }
```

Background

The CSS property to change the background color of an element to Hex 00694D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00694D }
```

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

```
.background{ background-color:#00694D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor