

Converting Colors

Hex(00684E)

Have a look what the booklet for
Hex(00684E) contains.

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Color

Hex(00684E)

Conversions

Conversions Part 1

Format	Color
Hex	00684E
RGB	0, 104, 78
RGB Percent	0%, 41%, 31%
CMY	1.0000, 0.5922, 0.6941
CMYK	1.00, 0.00, 0.25, 0.59
HSL	165°, 100%, 20%
HSV	165°, 100%, 41%
XYZ	6.3255, 10.4507, 8.8915
YIQ	69.9400, -53.6380, -30.1340

Conversions

Conversions Part 2

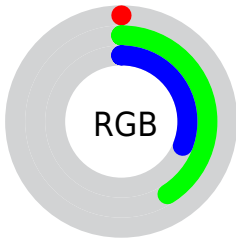
Format	Color
RYB	0, 59, 104
Decimal	26702
CIELab	38.64, -32.89, 7.44
CIELCh	39, 33.722, 167.261
Yxy	10.4507, 0.2464, 0.4072
Android (android.graphics.Color)	4278216782 (0xFF00684E)
YUV	69.9400, 3.9736, -61.3374
Hunter-Lab	32.3275, -21.6464, 6.3218

Details

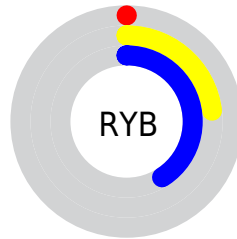
The Hex color **00684E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **68001A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **479C7F**, and **003822** is the 20% darker color. If you saturate the color by 10%, you get **00684E**, and if you desaturate by 10%, it is **0A6851**.

Distribution



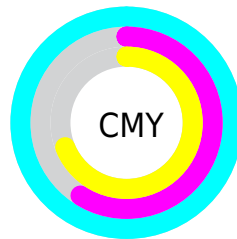
- Red (0%)
- Green (41%)
- Blue (31%)



- Red (0%)
- Yellow (23%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00684E 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 00684E by changing the saturation by 10% instead.

 00684E

 00684E

FFFFFF

 004F37

 479C7F

 003822

 63B799

 00230C

 7ED3B4

 000000

 9AF0CF

 B6FFEC

 D3FFFF

 F0FFFF

 00684E

 0A6851

 156853

 1F6856

 2A6858

 34685B

 3E685E

 496860

 536863

 5E6865

Harmonies

Analogous

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



3C6534



00684E



00696A

Triad

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



00684E



49588F



874B34

Complementary

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



00684E



68001A

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.



8E444C



00684E



714D80

Square

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



00684E



006190



884568



755524

Rectangle

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



00684E



00687B



884568



8B483B

Sweetspot

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



00684E



5F877D



1A6800



2C453F



C4C4C4



454545

Same Dimension

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



00684E



008765



004E68



2E3332



007356



00F2B6

Inverse Universe

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



68001A



870022



681A00



332E2F



73001D



F2003D

Previews

White Background



This preview shows how the Hex color 00684E looks on a white background.

Color Contrast Check

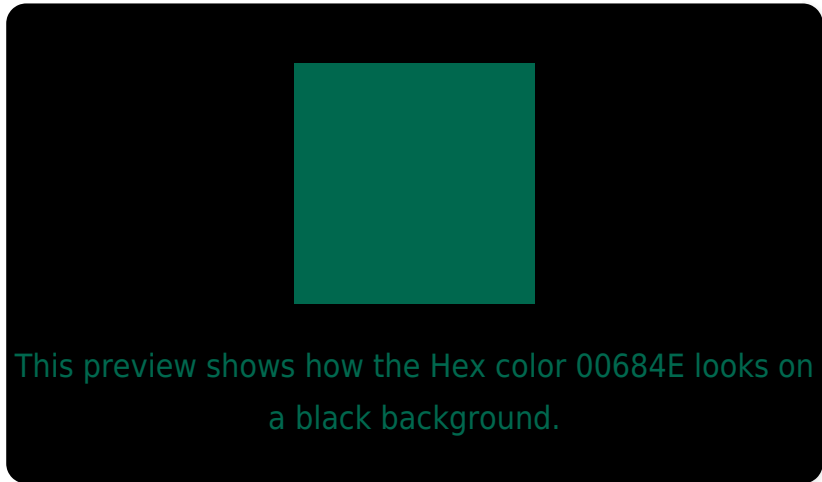
Large Text (above 18pt) WCAG AA ✓ Pass

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

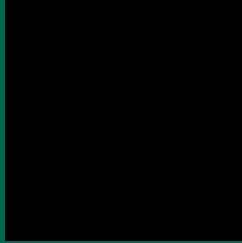
Any Text WCAG AA × Fail

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 00684E Background



This preview shows how black text looks on a background with the Hex color 00684E.

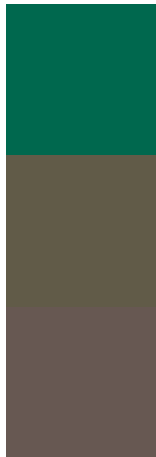


This preview shows how white text looks on a background with the Hex color 00684E.

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
00684E

Protanopia
615B48

Deuteranopia
675852



Tritanopia
21646C

Trichromacy



Original Color
00684E



Protanomaly
3E604A



Deuteranomaly
425E51



Tritanomaly
156561

Monochromacy



Original Color
00684E



Achromatopsia
464646



Achromatomaly
2D5249

CSS Examples

Text

The CSS property to change the color of the text to Hex 00684E 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 #00684E looks like.

```
.text, #text, p{  
    color:#00684E  
}
```

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 #00684E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00684E
}
```

Border

The CSS property to change the border of an element to Hex 00684E 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".

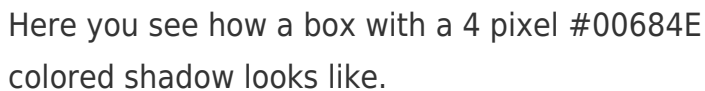
```
.border, #border, table{ border:4px solid
#00684E }
```

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

```
.border{ border-color:#00684E }
```

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

Here you see how a box with a 4 pixel #00684E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00684E; -webkit-box-shadow:4px 4px  
4px 4px #00684E; box-shadow:4px 4px 4px  
4px #00684E }
```

Background

The CSS property to change the background color of an element to Hex 00684E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00684E }
```

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

```
.background{ background-color:#00684E }
```

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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