

Converting Colors

Hex(00664C)

Have a look what the booklet for
Hex(00664C) contains.

Hex(00664C)	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(00664C)

Conversions

Conversions Part 1

Format	Color
Hex	00664C
RGB	0, 102, 76
RGB Percent	0%, 40%, 30%
CMY	1.0000, 0.6000, 0.7020
CMYK	1.00, 0.00, 0.25, 0.60
HSL	165°, 100%, 20%
HSV	165°, 100%, 40%
XYZ	6.0559, 10.0245, 8.4532
YIQ	68.5380, -52.4460, -29.7100

Conversions

Conversions Part 2

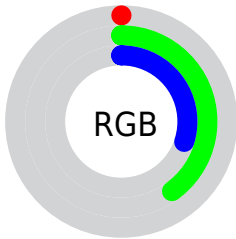
Format	Color
RYB	0, 58, 102
Decimal	26188
CIELab	37.89, -32.57, 7.59
CIELCh	38, 33.439, 166.885
Yxy	10.0245, 0.2468, 0.4086
Android (android.graphics.Color)	4278216268 (0xFF00664C)
YUV	68.5380, 3.6788, -60.1078
Hunter-Lab	31.6616, -21.2662, 6.3334

Details

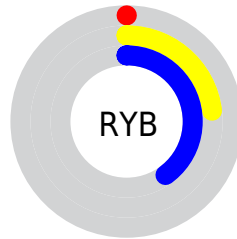
The Hex color **00664C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **66001A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **469A7D**, and **003620** is the 20% darker color. If you saturate the color by 10%, you get **00664C**, and if you desaturate by 10%, it is **0A664F**.

Distribution



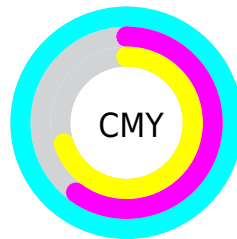
- Red (0%)
- Green (40%)
- Blue (30%)



- Red (0%)
- Yellow (23%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00664C 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 00664C by changing the saturation by 10% instead.

 00664C

 00664C

FFFFFF

 004D35

 469A7D

 003620

 62B597

 002209

 7DD1B1

 000000

 99EDCD

 B5FFE9

 D1FFFF

 EFFFFFF

 00664C

■ 0A664F

■ 146651

■ 1F6654

■ 296656

■ 336659

■ 3D665C

■ 47665E

■ 526661

■ 5C6663

Harmonies

Analogous

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



3B6333



00664C



006768

Triad

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



00664C



47578D



854933

Complementary

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



00664C



66001A

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.



8C434B



00664C



6E4C7E

Square

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



00664C



005F8E



854366



735423

Rectangle

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



00664C



006679



854366



88473A

Sweetspot

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



00664C



5D857A



1B6600



2A423C



C2C2C2



424242

Same Dimension

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



00664C



008563



004E66



2E3332



007356



00F2B5

Inverse Universe

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



66001A



850022



661800



332E2F



73001D



F2003E

Previews

White Background



This preview shows how the Hex color 00664C looks on a white background.

Color Contrast Check

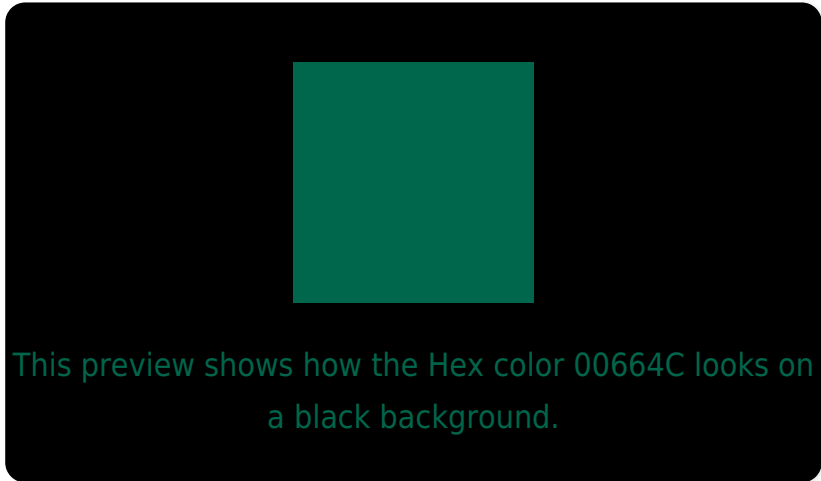
Large Text (above 18pt) WCAG AA ✓ Pass

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

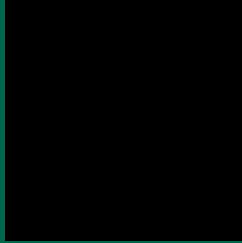
Any Text WCAG AA × Fail

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 00664C Background



This preview shows how black text looks on a background with the Hex color 00664C.



This preview shows how white text looks on a background with the Hex color 00664C.

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
00664C

Protanopia
5F5946

Deuteranopia
655650



Tritanopia
21626A

Trichromacy



Original Color
00664C

Protanomaly
3C5E48

Deuteranomaly
405C4F

Tritanomaly
15635F

Monochromacy



Original Color
00664C

Achromatopsia
454545

Achromatomaly
2C5148

CSS Examples

Text

The CSS property to change the color of the text to Hex 00664C 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 #00664C looks like.

```
.text, #text, p{  
    color:#00664C  
}
```

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 #00664C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00664C
}
```

Border

The CSS property to change the border of an element to Hex 00664C 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
#00664C }
```

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

```
.border{ border-color:#00664C }
```

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

Here you see how a box with a 4 pixel #00664C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00664C; -webkit-box-shadow:4px 4px  
4px 4px #00664C; box-shadow:4px 4px 4px  
4px #00664C }
```

Background

The CSS property to change the background color of an element to Hex 00664C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00664C }
```

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

```
.background{ background-color:#00664C }
```

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