

# Converting Colors

Hex(00714C)

Have a look what the booklet for  
Hex(00714C) contains.

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**Color**

**Hex(00714C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00714C
RGB	0, 113, 76
RGB Percent	0%, 44%, 30%
CMY	1.0000, 0.5569, 0.7020
CMYK	1.00, 0.00, 0.33, 0.56
HSL	160°, 100%, 22%
HSV	160°, 100%, 44%
XYZ	7.2096, 12.3321, 8.8378
YIQ	74.9950, -55.4710, -35.4630

# Conversions

## Conversions Part 2

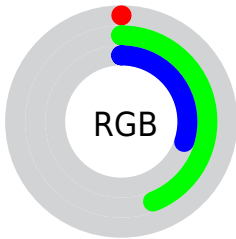
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 68, 113
Decimal	29004
CIELab	41.74, -37.22, 12.96
CIElCh	42, 39.411, 160.808
Yxy	12.3321, 0.2540, 0.4345
Android (android.graphics.Color)	4278219084 (0xFF00714C)
YUV	74.9950, 0.4955, -65.7706
Hunter-Lab	35.1170, -24.8082, 9.6606

# Details

The Hex color **00714C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **710025**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4AA67D**, and **004020** is the 20% darker color. If you saturate the color by 10%, you get **00714C**, and if you desaturate by 10%, it is **0B7150**.

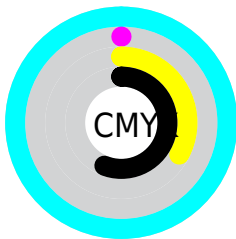
# Distribution



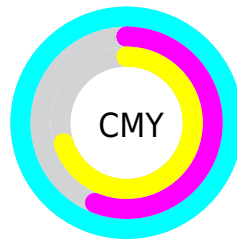
- Red (0%)
- Green (44%)
- Blue (30%)



- Red (0%)
- Yellow (27%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00714C 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 00714C by changing the saturation by 10% instead.



 00714C

 00714C

FFFFFF

 005835

 4AA67D

 004020

 66C197

 002A09

 81DDB2

 000C00

 9DFACD

 000000

 BAFFE9

 D7FFFF

 F4FFFF

 00714C

 0B7150

 177153

 227157

 2D715B

 39715F

 447162

 4F7166

 5A716A

 66716D

# Harmonies

## Analogous

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



466C2F



00714C



00726E

# Triad

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



00714C



3C62A2



994D3A

# Complementary

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



00714C



710025

# 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.



9E4658



00714C



745594

# Square

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



00714C



006C9F



934979



855924

# Rectangle

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



00714C



007283



934979



9C4A43



# Sweetspot

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



00714C



689485



267100



2F4A41



C9C9C9



4A4A4A



# Same Dimension

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



00714C



009463



005E71



323836



007851



00F7A6



# Inverse Universe

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



710025



940030



711300



383234



780027



F70051



# Previews

## White Background



This preview shows how the Hex color 00714C looks on a white background.

## Color Contrast Check

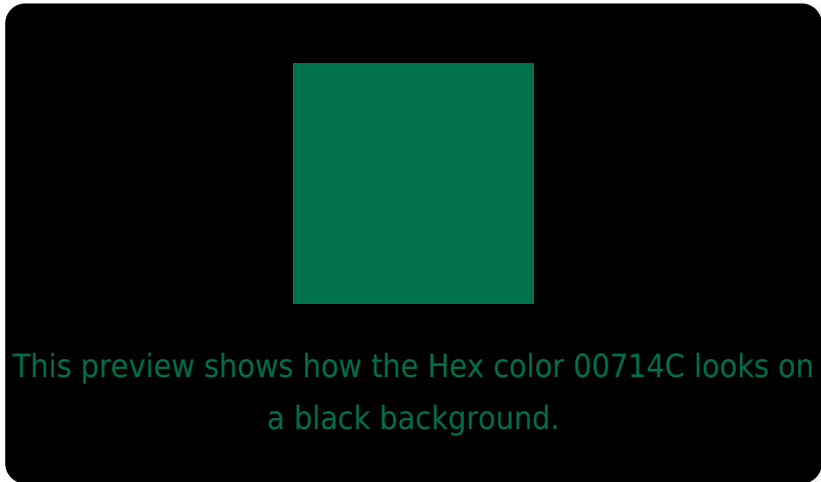
Large Text (above 18pt) WCAG AA ✓ Pass

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

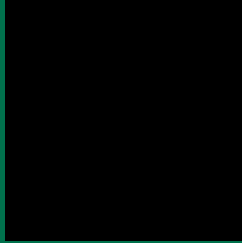
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00714C Background



This preview shows how black text looks on a background with the Hex color 00714C.



This preview shows how white text looks on a background with the Hex color 00714C.

# 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**  
00714C

**Protanopia**  
6A6246

**Deuteranopia**  
725E50



**Tritanopia**  
276C75

# Trichromacy



**Original Color**  
00714C



**Protanomaly**  
436748



**Deuteranomaly**  
49654F



**Tritanomaly**  
196E66

# Monochromacy



**Original Color**  
00714C



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
30594B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00714C 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 #00714C looks like.

```
.text, #text, p{  
    color:#00714C  
}
```

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 #00714C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00714C
}
```

## Border

The CSS property to change the border of an element to Hex 00714C 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
#00714C }
```

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

```
.border{ border-color:#00714C }
```

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

Here you see how a box with a 4 pixel #00714C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00714C; -webkit-box-shadow:4px 4px  
4px 4px #00714C; box-shadow:4px 4px 4px  
4px #00714C }
```

# Background

The CSS property to change the background color of an element to Hex 00714C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00714C }
```

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

```
.background{ background-color:#00714C }
```

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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