

# Converting Colors

Hex(04752C)

Have a look what the booklet for  
Hex(04752C) contains.

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**Color**

**Hex(04752C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04752C
RGB	4, 117, 44
RGB Percent	2%, 46%, 17%
CMY	0.9843, 0.5412, 0.8275
CMYK	0.97, 0.00, 0.62, 0.54
HSL	141°, 93%, 24%
HSV	141°, 97%, 46%
XYZ	6.8660, 12.9302, 4.5168
YIQ	74.8910, -43.9150, -46.6590

# Conversions

## Conversions Part 2

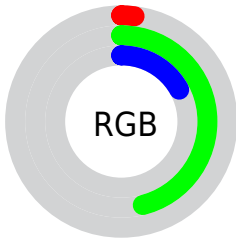
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 87, 117
Decimal	292140
CIELab	42.66, -44.60, 31.90
CIElCh	43, 54.833, 144.425
Yxy	12.9302, 0.2824, 0.5318
Android (android.graphics.Color)	4278482220 (0xFF04752C)
YUV	74.8910, -15.2293, -62.1714
Hunter-Lab	35.9586, -28.8446, 17.7236

# Details

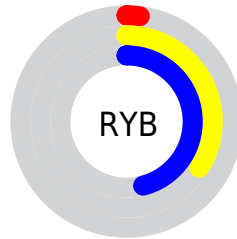
The Hex color **04752C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **75044D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4DAA5C**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **007529**, and if you desaturate by 10%, it is **107534**.

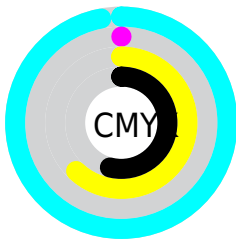
# Distribution



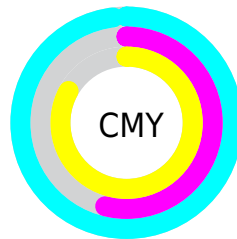
- Red (2%)
- Green (46%)
- Blue (17%)



- Red (2%)
- Yellow (34%)
- Blue (46%)



- Cyan (97%)
- Magenta (0%)
- Yellow (62%)
- Black (54%)



- Cyan (98%)
- Magenta (54%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04752C 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 04752C by changing the saturation by 10% instead.





04752C



04752C

FFFFFF



005C14



4DAA5C



004300



69C676



002D00



85E290



001100



A1FFAB



000000



BEFFC6



DBFFE2



F8FFFF



04752C



04752C

■ 007529

■ 107534

■ 1B753B

■ 277543

■ 33754A

■ 3F7552

■ 4A7559

■ 567561

■ 627568

■ 6D7570

# Harmonies

## Analogous

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



566D00



04752C



00795B

# Triad

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



04752C



006DBF



B33942

# Complementary

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



04752C



75044D

# 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.



B0356F



04752C



515CB8

# Square

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



04752C



0076AE



93469A



A14D18

# Rectangle

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



04752C



00797A



93469A



B53551



# Sweetspot

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



04752C



6D997C



4D7504



324D3B



CCCCCC



4D4D4D



# Same Dimension

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



04752C



009936



047564



353B37



007A2B



00FA58



# Inverse Universe

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



75044D



990063



750415



3B3539



7A004F

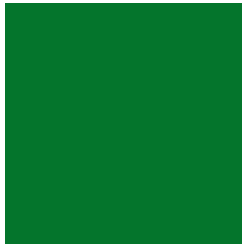


FA00A1



# Previews

## White Background



This preview shows how the Hex color 04752C looks on a white background.

## Color Contrast Check

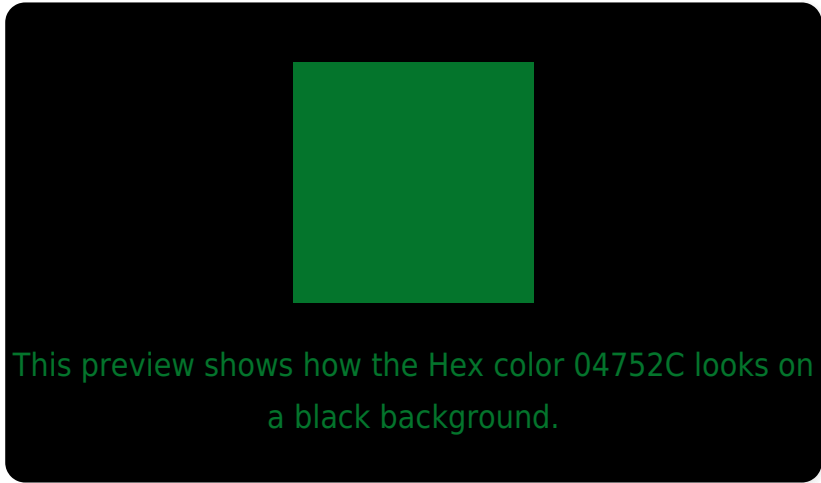
Large Text (above 18pt) WCAG AA ✓ Pass

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

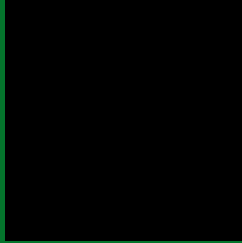
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 04752C Background



This preview shows how black text looks on a background with the Hex color 04752C.



This preview shows how white text looks on a background with the Hex color 04752C.

# 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**  
04752C

**Protanopia**  
706527

**Deuteranopia**  
7C6032



**Tritanopia**  
2F6E76

# Trichromacy



**Original Color**  
04752C



**Protanomaly**  
496B29



**Deuteranomaly**  
506830



**Tritanomaly**  
1F715B

# Monochromacy



**Original Color**  
04752C



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
315A40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04752C 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 #04752C looks like.

```
.text, #text, p{  
  color:#04752C  
}
```

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 #04752C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04752C
}
```

## Border

The CSS property to change the border of an element to Hex 04752C 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".

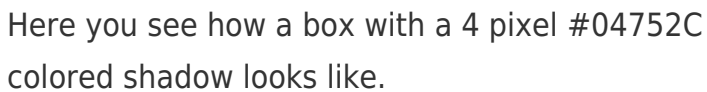
```
.border, #border, table{ border:4px solid
#04752C }
```

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

```
.border{ border-color:#04752C }
```

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

Here you see how a box with a 4 pixel #04752C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04752C; -webkit-box-shadow:4px 4px  
4px 4px #04752C; box-shadow:4px 4px 4px  
4px #04752C }
```

# Background

The CSS property to change the background color of an element to Hex 04752C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04752C }
```

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

```
.background{ background-color:#04752C }
```

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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