

# Converting Colors

Hex(05864C)

Have a look what the booklet for  
Hex(05864C) contains.

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**Color**

**Hex(05864C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	05864C
RGB	5, 134, 76
RGB Percent	2%, 53%, 30%
CMY	0.9804, 0.4745, 0.7020
CMYK	0.96, 0.00, 0.43, 0.47
HSL	153°, 93%, 27%
HSV	153°, 96%, 53%
XYZ	9.8922, 17.6043, 9.7141
YIQ	88.8170, -58.2660, -45.3860

# Conversions

## Conversions Part 2

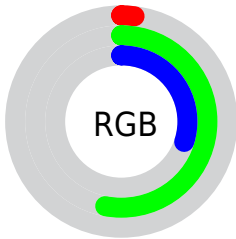
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 88, 134
Decimal	362060
CIELab	49.01, -45.04, 22.72
CIELCh	49, 50.443, 153.226
Yxy	17.6043, 0.2658, 0.4731
Android (android.graphics.Color)	4278552140 (0xFF05864C)
YUV	88.8170, -6.3188, -73.5075
Hunter-Lab	41.9574, -31.3410, 15.6433

# Details

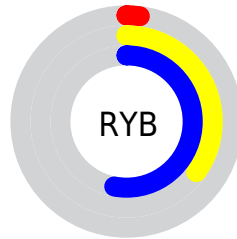
The Hex color **05864C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **86053F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **52BC7E**, and **00531E** is the 20% darker color. If you saturate the color by 10%, you get **00864A**, and if you desaturate by 10%, it is **128652**.

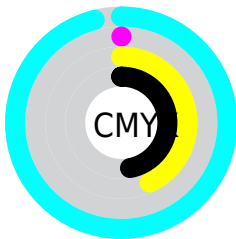
# Distribution



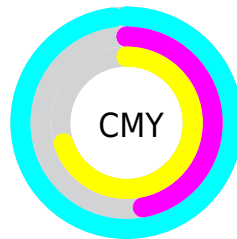
- Red (2%)
- Green (53%)
- Blue (30%)



- Red (2%)
- Yellow (35%)
- Blue (53%)



- Cyan (96%)
- Magenta (0%)
- Yellow (43%)
- Black (47%)



- Cyan (98%)
- Magenta (47%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05864C 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 05864C by changing the saturation by 10% instead.



 05864C

 05864C

FFFFFF

 006C35

 52BC7E

 00531E

 6FD898

 003B08

 8BF5B3

 002500

 A8FFCE

 000000

 C5FFEB

 E2FFFF

 05864C

 05864C

 00864A

 128652

 208658

 2D865E

 3B8664

 48866A

 558670

 638676

 70867C

 7E8682

# Harmonies

## Analogous

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



5A7F27



05864C



008978

# Triad

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



05864C



0078CA



BE5348

# Complementary

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



05864C



86053F

# 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.



C14C72



05864C



7B67BC

# Square

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



05864C



0083C0



AC559C



A86426

# Rectangle

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



05864C



008995



AC559C



C14F55



# Sweetspot

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



05864C



7BAD97



3F8605



385749



D6D6D6



575757



# Same Dimension

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



05864C



00AD5F



058086



3C423F



008248



000301



# Inverse Universe

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



86053F



AD004E



860B05



423C3F



82003A



030001



# Previews

## White Background



This preview shows how the Hex color 05864C looks on a white background.

## Color Contrast Check

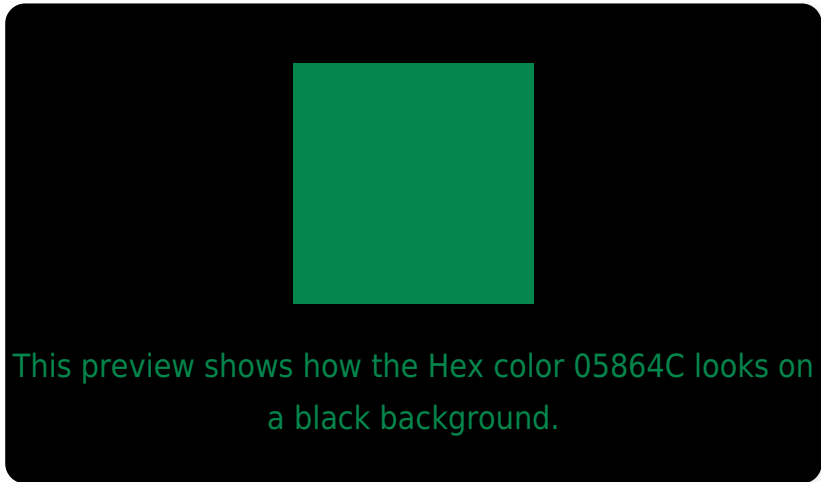
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 05864C Background



This preview shows how black text looks on a background with the Hex color 05864C.



This preview shows how white text looks on a background with the Hex color 05864C.

# 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**  
05864C

**Protanopia**  
7F7445

**Deuteranopia**  
8A6F51



**Tritanopia**  
327F89

# Trichromacy



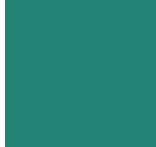
**Original Color**  
05864C



**Protanomaly**  
537B48



**Deuteranomaly**  
5A774F



**Tritanomaly**  
228273

# Monochromacy



**Original Color**  
05864C



**Achromatopsia**  
595959



**Achromatomaly**  
3A6954

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05864C 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 #05864C looks like.

```
.text, #text, p{  
    color:#05864C  
}
```

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 #05864C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05864C
}
```

## Border

The CSS property to change the border of an element to Hex 05864C 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".

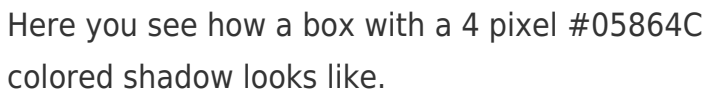
```
.border, #border, table{ border:4px solid
#05864C }
```

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

```
.border{ border-color:#05864C }
```

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

Here you see how a box with a 4 pixel #05864C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05864C; -webkit-box-shadow:4px 4px  
4px 4px #05864C; box-shadow:4px 4px 4px  
4px #05864C }
```

# Background

The CSS property to change the background color of an element to Hex 05864C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05864C }
```

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

```
.background{ background-color:#05864C }
```

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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