

# Converting Colors

Hex(057662)

Have a look what the booklet for  
Hex(057662) contains.

<b>Hex(057662)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(057662)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	057662
RGB	5, 118, 98
RGB Percent	2%, 46%, 38%
CMY	0.9804, 0.5373, 0.6157
CMYK	0.96, 0.00, 0.17, 0.54
HSL	169°, 92%, 24%
HSV	169°, 96%, 46%
XYZ	8.7456, 13.8710, 13.7717
YIQ	81.9330, -60.9280, -30.1760

# Conversions

## Conversions Part 2

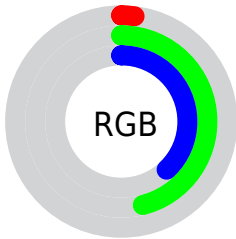
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 67, 118
Decimal	357986
CIELab	44.05, -33.10, 3.14
CIELCh	44, 33.244, 174.587
Yxy	13.8710, 0.2403, 0.3812
Android (android.graphics.Color)	4278548066 (0xFF057662)
YUV	81.9330, 7.9210, -67.4702
Hunter-Lab	37.2438, -23.2610, 4.1468

# Details

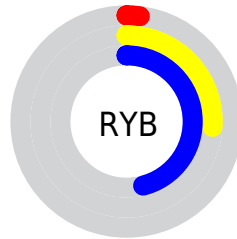
The Hex color **057662** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **760519**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **4EAB95**, and **004534** is the 20% darker color. If you saturate the color by 10%, you get **007661**, and if you desaturate by 10%, it is **117664**.

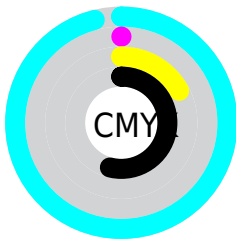
# Distribution



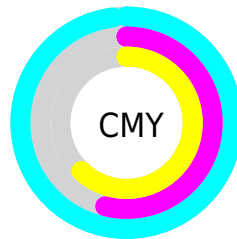
- Red (2%)
- Green (46%)
- Blue (38%)



- Red (2%)
- Yellow (26%)
- Blue (46%)



- Cyan (96%)
- Magenta (0%)
- Yellow (17%)
- Black (54%)



- Cyan (98%)
- Magenta (54%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 057662 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 057662 by changing the saturation by 10% instead.



 057662

 057662

FFFFFF

 005D4A

 4EAB95

 004534

 6AC6AF

 002D1F

 86E3CB

 001706

 A2FFE7

 000000

 BFFFFFF

 DCFFFF

 FAFFFF

 057662

 057662

■ 007661

■ 117664

■ 1D7666

■ 287668

■ 34766A

■ 40766C

■ 4C766F

■ 587671

■ 637673

■ 6F7675

# Harmonies

## Analogous

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



417347



057662



00767E

# Triad

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



057662



63639A



925B3C

# Complementary

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



057662



760519

# 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.



9C5353



057662



865888

# Square

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



057662



2C6D9F



99526E



7D6530

# Rectangle

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



057662



00748E



99526E



975843



# Sweetspot

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



057662



6D9991



1A7605



324D48



CCCCCC



4D4D4D



# Same Dimension

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



057662



00997E



055276



353B3A



007A65



00FACE



# Inverse Universe

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



760519



99001B



762905



3B3536



7A0016



FA002C



# Previews

## White Background



This preview shows how the Hex color 057662 looks on a white background.

## Color Contrast Check

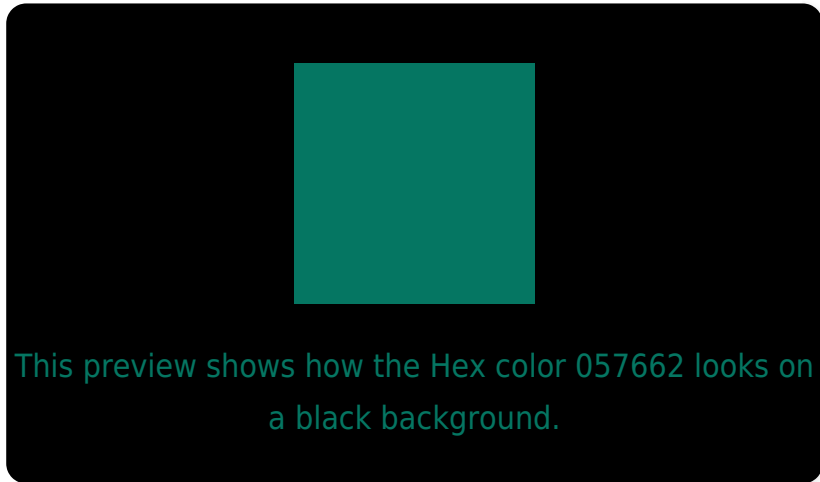
Large Text (above 18pt) WCAG AA ✓ Pass

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 057662 Background



This preview shows how black text looks on a background with the Hex color 057662.

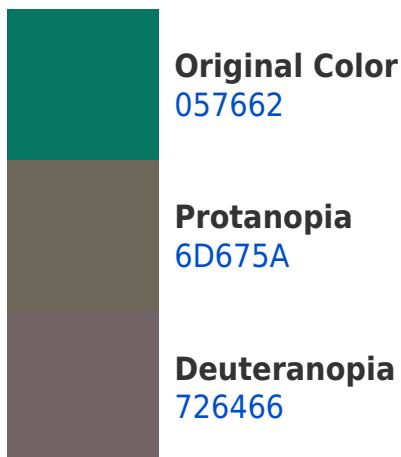


This preview shows how white text looks on a background with the Hex color 057662.

# 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





**Tritanopia**  
22727C

# Trichromacy



**Original Color**  
057662



**Protanomaly**  
476C5D



**Deuteranomaly**  
4A6B65



**Tritanomaly**  
177373

# Monochromacy



**Original Color**  
057662



**Achromatopsia**  
525252



**Achromatomaly**  
365F58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 057662 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 #057662 looks like.

```
.text, #text, p{  
    color:#057662  
}
```

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 #057662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #057662
}
```

## Border

The CSS property to change the border of an element to Hex 057662 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
#057662 }
```

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

```
.border{ border-color:#057662 }
```

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

Here you see how a box with a 4 pixel #057662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #057662; -webkit-box-shadow:4px 4px  
4px 4px #057662; box-shadow:4px 4px 4px  
4px #057662 }
```

# Background

The CSS property to change the background color of an element to Hex 057662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#057662 }
```

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

```
.background{ background-color:#057662 }
```

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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