

# Converting Colors

Hex(057059)

Have a look what the booklet for  
Hex(057059) contains.

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# Color

Hex(057059)

# Conversions

## Conversions Part 1

Format	Color
Hex	057059
RGB	5, 112, 89
RGB Percent	2%, 44%, 35%
CMY	0.9804, 0.5608, 0.6510
CMYK	0.96, 0.00, 0.21, 0.56
HSL	167°, 91%, 23%
HSV	167°, 96%, 44%
XYZ	7.6599, 12.3419, 11.4297
YIQ	77.3850, -56.3890, -29.8370

# Conversions

## Conversions Part 2

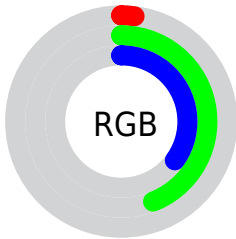
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 65, 112
Decimal	356441
CIELab	41.75, -32.97, 5.23
CIELCh	42, 33.381, 170.984
Yxy	12.3419, 0.2437, 0.3927
Android (android.graphics.Color)	4278546521 (0xFF057059)
YUV	77.3850, 5.7262, -63.4816
Hunter-Lab	35.1310, -22.5593, 5.3020

# Details

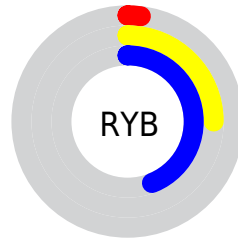
The Hex color **057059** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **70051C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4CA48B**, and **003F2C** is the 20% darker color. If you saturate the color by 10%, you get **007058**, and if you desaturate by 10%, it is **10705B**.

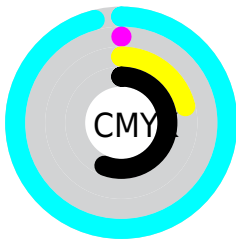
# Distribution



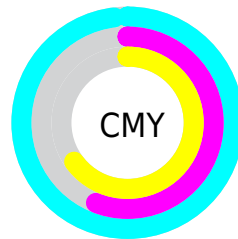
- Red (2%)
- Green (44%)
- Blue (35%)



- Red (2%)
- Yellow (25%)
- Blue (44%)



- Cyan (96%)
- Magenta (0%)
- Yellow (21%)
- Black (56%)



- Cyan (98%)
- Magenta (56%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 057059 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 057059 by changing the saturation by 10% instead.



 057059

 057059

FFFFFF

 005742

 4CA48B

 003F2C

 68C0A5

 002917

 83DCC0

 000C00

 9FF9DC

 000000

 BCFFF9

 D9FFFF

 F6FFFF

 057059

 057059

■ 007058

■ 10705B

■ 1B705E

■ 277060

■ 327063

■ 3D7065

■ 487067

■ 53706A

■ 5F706C

■ 6A706F

# Harmonies

## Analogous

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



406D3F



057059



007075

# Triad

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



057059



575F96



8D5439

# Complementary

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



057059



70051C

# 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.



964D50



057059



7C5485

# Square

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



057059



186898



914C6C



7A5E2B

# Rectangle

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



057059



006F86



914C6C



925140



# Sweetspot

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



057059



679188



1C7005



304A44



C9C9C9



4A4A4A



# Same Dimension

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



057059



009172



055270



323837



00785E



00F7C2



# Inverse Universe

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



70051C



91001F



702305



383234



78001A

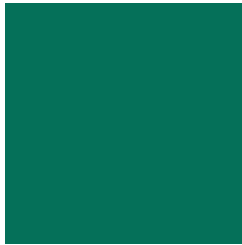


F70035



# Previews

## White Background



This preview shows how the Hex color 057059 looks on a white background.

## Color Contrast Check

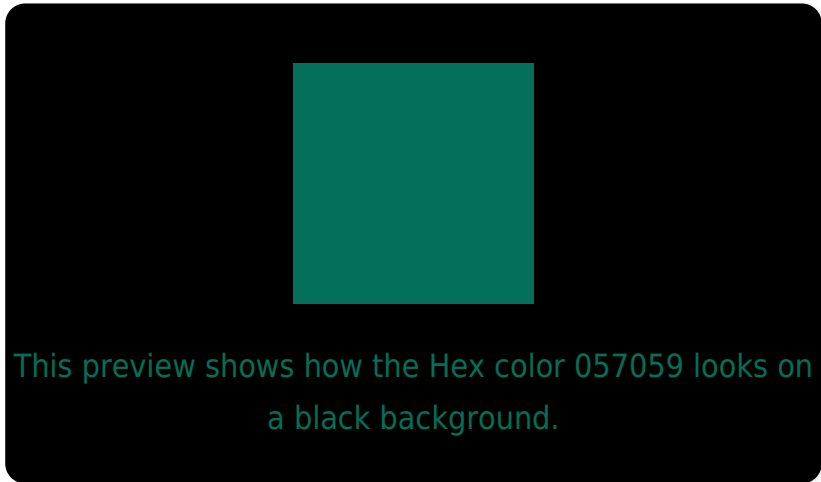
Large Text (above 18pt) WCAG AA ✓ Pass

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

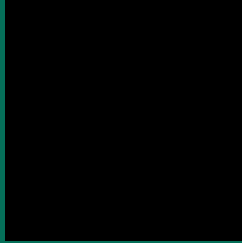
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 057059 Background



This preview shows how black text looks on a background with the Hex color 057059.



This preview shows how white text looks on a background with the Hex color 057059.

# 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**  
057059

**Protanopia**  
686252

**Deuteranopia**  
6E5F5D



**Tritanopia**  
226C75

# Trichromacy



**Original Color**  
057059



**Protanomaly**  
446755



**Deuteranomaly**  
48655C



**Tritanomaly**  
176D6B

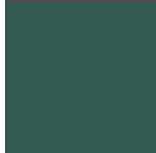
# Monochromacy



**Original Color**  
057059



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
335A51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 057059 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 #057059 looks like.

```
.text, #text, p{  
    color:#057059  
}
```

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 #057059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #057059
}
```

## Border

The CSS property to change the border of an element to Hex 057059 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
#057059 }
```

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

```
.border{ border-color:#057059 }
```

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

Here you see how a box with a 4 pixel #057059 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #057059; -webkit-box-shadow:4px 4px  
4px 4px #057059; box-shadow:4px 4px 4px  
4px #057059 }
```

# Background

The CSS property to change the background color of an element to Hex 057059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#057059 }
```

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

```
.background{ background-color:#057059 }
```

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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