

# Converting Colors

Hex(075239)

Have a look what the booklet for  
Hex(075239) contains.

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# Color

Hex(075239)

# Conversions

## Conversions Part 1

Format	Color
Hex	075239
RGB	7, 82, 57
RGB Percent	3%, 32%, 22%
CMY	0.9725, 0.6784, 0.7765
CMYK	0.91, 0.00, 0.30, 0.68
HSL	160°, 84%, 17%
HSV	160°, 91%, 32%
XYZ	3.8434, 6.3752, 4.8989
YIQ	56.7250, -36.6750, -23.6750

# Conversions

## Conversions Part 2

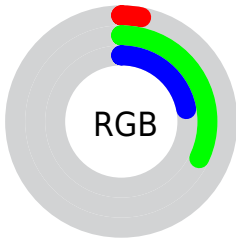
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 52, 82
Decimal	479801
CIELab	30.34, -28.12, 8.76
CIELCh	30, 29.456, 162.693
Yxy	6.3752, 0.2542, 0.4217
Android (android.graphics.Color)	4278669881 (0xFF075239)
YUV	56.7250, 0.1356, -43.6088
Hunter-Lab	25.2491, -17.0145, 6.1709

# Details

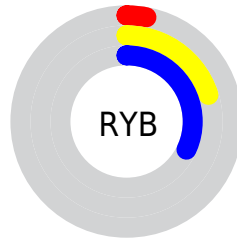
The Hex color **075239** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **520720**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **428468**, and **00250E** is the 20% darker color. If you saturate the color by 10%, you get **005237**, and if you desaturate by 10%, it is **0F523C**.

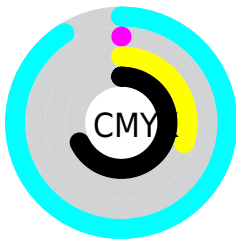
# Distribution



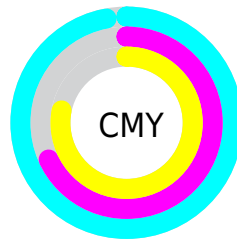
- Red (3%)
- Green (32%)
- Blue (22%)



- Red (3%)
- Yellow (20%)
- Blue (32%)



- Cyan (91%)
- Magenta (0%)
- Yellow (30%)
- Black (68%)



- Cyan (97%)
- Magenta (68%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 075239 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 075239 by changing the saturation by 10% instead.



 075239

 075239

FFFFFF

 003A23

 428468

 00250E

 5C9F81

 000200

 77BA9B

 000000

 91D6B6

 ADF2D2

 C9FFEE

 E6FFFF

 075239

 075239

■ 005237

■ 0F523C

■ 17523E

■ 205241

■ 285244

■ 305247

■ 385249

■ 40524C

■ 49524F

■ 515252

# Harmonies

## Analogous

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



324F24



075239



005351

# Triad

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



075239



314774



6E3929

# Complementary

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



075239



520720

# 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.



72343F



075239



563D69

# Square

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



075239



004E73



6B3656



60411B

# Rectangle

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



075239



005260



6B3656



703730



# Sweetspot

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



075239



4E6B61



205207



243630



B5B5B5



363636



# Same Dimension

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



075239



006B47



074552



252927



006946



00E89B



# Inverse Universe

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



520720



6B0024



521307



292526



690023



E8004D



# Previews

## White Background



This preview shows how the Hex color 075239 looks on a white background.

## Color Contrast Check

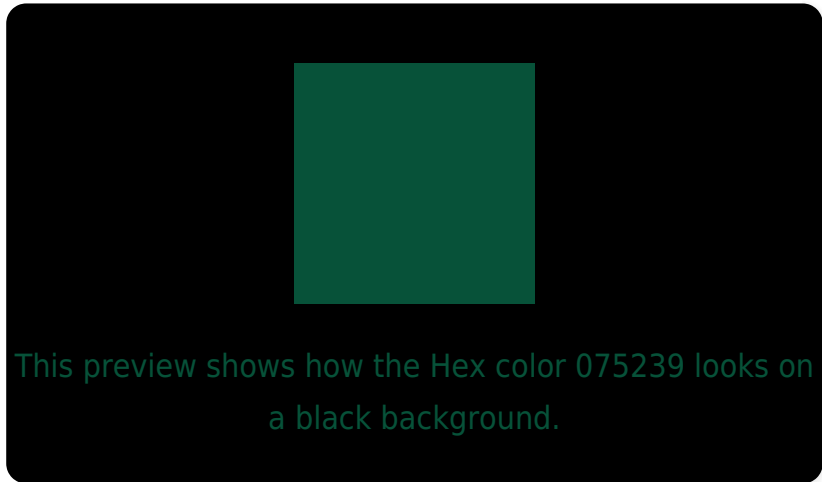
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

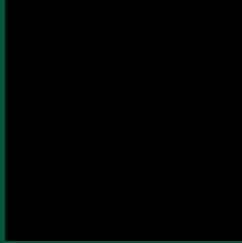
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 075239 Background



This preview shows how black text looks on a background with the Hex color 075239.



This preview shows how white text looks on a background with the Hex color 075239.

# 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](#).

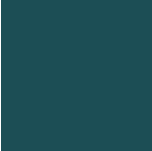
## Dichromacy



**Original Color**  
075239

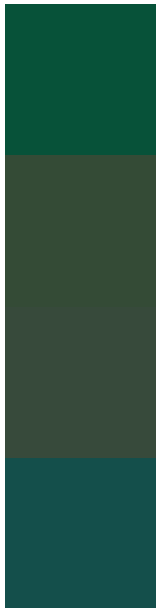
**Protanopia**  
4D4734

**Deuteranopia**  
52453C



**Tritanopia**  
1C4E55

# Trichromacy



**Original Color**  
075239

**Protanomaly**  
344B36

**Deuteranomaly**  
374A3B

**Tritanomaly**  
144F4B

# Monochromacy



**Original Color**  
075239

**Achromatopsia**  
393939

**Achromatomaly**  
274239

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 075239 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 #075239 looks like.

```
.text, #text, p{  
    color:#075239  
}
```

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 #075239 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #075239
}
```

## Border

The CSS property to change the border of an element to Hex 075239 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
#075239 }
```

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

```
.border{ border-color:#075239 }
```

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

Here you see how a box with a 4 pixel #075239 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #075239; -webkit-box-shadow:4px 4px  
4px 4px #075239; box-shadow:4px 4px 4px  
4px #075239 }
```

# Background

The CSS property to change the background color of an element to Hex 075239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#075239 }
```

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

```
.background{ background-color:#075239 }
```

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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