

# Converting Colors

Hex(079371)

Have a look what the booklet for  
Hex(079371) contains.

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**Color**

**Hex(079371)**

# Conversions

## Conversions Part 1

Format	Color
Hex	079371
RGB	7, 147, 113
RGB Percent	3%, 58%, 44%
CMY	0.9725, 0.4235, 0.5569
CMYK	0.95, 0.00, 0.23, 0.42
HSL	165°, 91%, 30%
HSV	165°, 95%, 58%
XYZ	13.5020, 22.1049, 19.1778
YIQ	101.2640, -72.5260, -40.2540

# Conversions

## Conversions Part 2

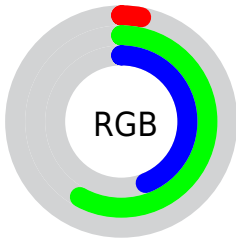
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 87, 147
Decimal	496497
CIELab	54.14, -41.43, 8.82
CIELCh	54, 42.358, 167.984
Yxy	22.1049, 0.2465, 0.4035
Android (android.graphics.Color)	4278686577 (0xFF079371)
YUV	101.2640, 5.7858, -82.6695
Hunter-Lab	47.0158, -31.0161, 8.7266

# Details

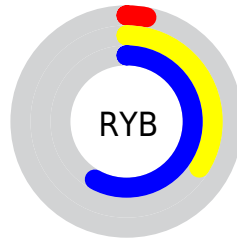
The Hex color **079371** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **930729**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **57CAA5**, and **005F41** is the 20% darker color. If you saturate the color by 10%, you get **00936F**, and if you desaturate by 10%, it is **169375**.

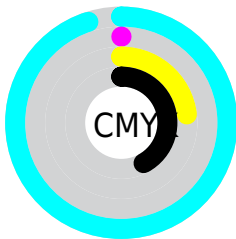
# Distribution



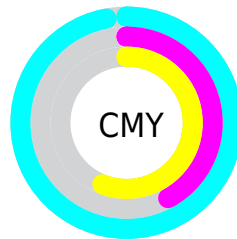
- Red (3%)
- Green (58%)
- Blue (44%)



- Red (3%)
- Yellow (34%)
- Blue (58%)



- Cyan (95%)
- Magenta (0%)
- Yellow (23%)
- Black (42%)



- Cyan (97%)
- Magenta (42%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 079371 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 079371 by changing the saturation by 10% instead.



 079371

 079371

FFFFFF

 007959

 57CAA5

 005F41

 75E6C0

 00472B

 92FFDC

 002F16

 AFFFF8

 001700

 CCFFFF

 000000

 EAFFFF

 079371

 079371


 00936F

 169375

 249378

 33937C

 42937F

 519383

 5F9386

 6E938A

 7D938E

 8B9391

# Harmonies

## Analogous

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



578F4F



079371



009497

# Triad

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



079371



6C7EC7



BC6D4C

# Complementary

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



079371



930729

# 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.



C6636D



079371



A06FB3

# Square

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



079371



008AC9



BE6492



A37A38

# Rectangle

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



079371



0092AD



BE6492



C16956



# Sweetspot

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



079371



88BFB2



2A9307



3F6159



E0E0E0



616161



# Same Dimension

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



079371



00BF91



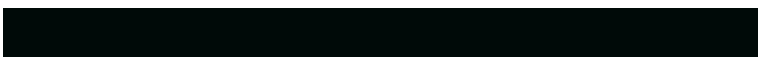
077093



434A48



008A68



000A08



# Inverse Universe

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



930729



BF002E



932A07



4A4344



8A0021



0A0002



# Previews

## White Background



This preview shows how the Hex color 079371 looks on a white background.

## Color Contrast Check

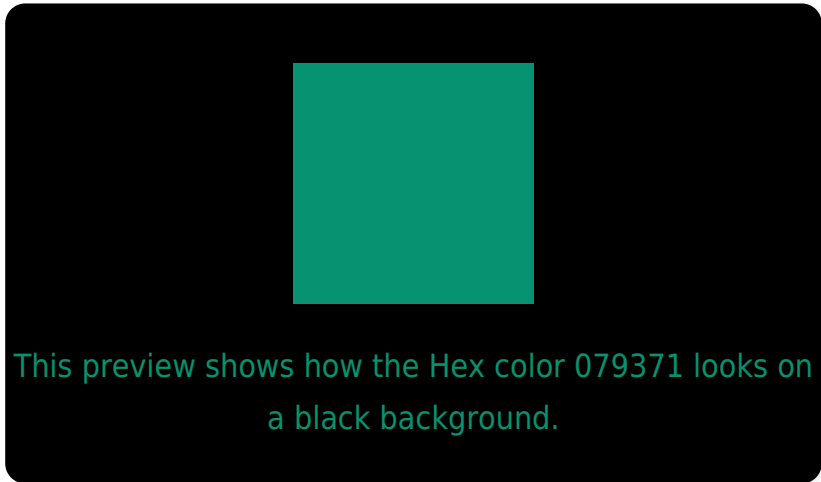
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

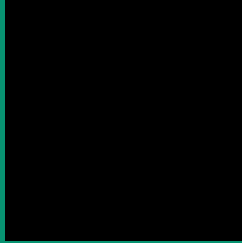
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 079371 Background



This preview shows how black text looks on a background with the Hex color 079371.

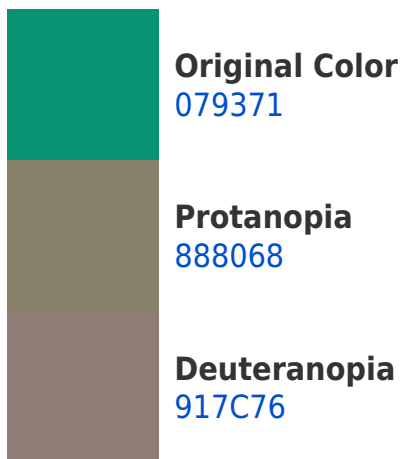


This preview shows how white text looks on a background with the Hex color 079371.

# 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**  
2E8E99

# Trichromacy



**Original Color**  
079371



**Protanomaly**  
59876B



**Deuteranomaly**  
5F8474



**Tritanomaly**  
20908A

# Monochromacy



**Original Color**  
079371



**Achromatopsia**  
656565



**Achromatomaly**  
437669

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 079371 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 #079371 looks like.

```
.text, #text, p{  
    color:#079371  
}
```

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 #079371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #079371
}
```

## Border

The CSS property to change the border of an element to Hex 079371 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
#079371 }
```

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

```
.border{ border-color:#079371 }
```

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

Here you see how a box with a 4 pixel #079371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #079371; -webkit-box-shadow:4px 4px  
4px 4px #079371; box-shadow:4px 4px 4px  
4px #079371 }
```

# Background

The CSS property to change the background color of an element to Hex 079371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#079371 }
```

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

```
.background{ background-color:#079371 }
```

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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