

# Converting Colors

Hex(0D8471)

Have a look what the booklet for  
Hex(0D8471) contains.

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# Color

**Hex(0D8471)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D8471
RGB	13, 132, 113
RGB Percent	5%, 52%, 44%
CMY	0.9490, 0.4824, 0.5569
CMYK	0.90, 0.00, 0.14, 0.48
HSL	170°, 82%, 28%
HSV	170°, 90%, 52%
XYZ	11.3979, 17.7803, 18.4540
YIQ	94.2530, -64.8250, -31.1370

# Conversions

## Conversions Part 2

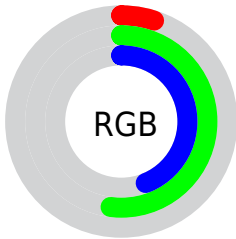
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 78, 132
Decimal	885873
CIELab	49.23, -34.59, 1.78
CIELCh	49, 34.638, 177.051
Yxy	17.7803, 0.2393, 0.3733
Android (android.graphics.Color)	4279075953 (0xFF0D8471)
YUV	94.2530, 9.2423, -71.2589
Hunter-Lab	42.1668, -25.5424, 3.5688

# Details

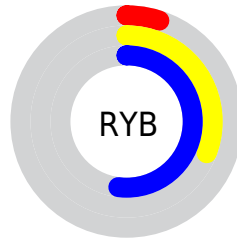
The Hex color **0D8471** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **840D20**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **55BAA5**, and **005141** is the 20% darker color. If you saturate the color by 10%, you get **00846F**, and if you desaturate by 10%, it is **1A8473**.

# Distribution



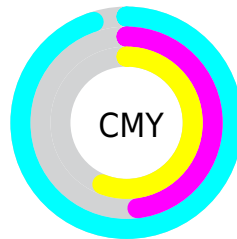
- Red (5%)
- Green (52%)
- Blue (44%)



- Red (5%)
- Yellow (31%)
- Blue (52%)



- Cyan (90%)
- Magenta (0%)
- Yellow (14%)
- Black (48%)



- Cyan (95%)
- Magenta (48%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D8471 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 0D8471 by changing the saturation by 10% instead.





0D8471



0D8471

FFFFFF



006A59



55BAA5



005141



72D6C0



003A2B



8EF2DC



002517



ABFFF8



000000



C8FFFF



E5FFFF



0D8471



0D8471



00846F



1A8473

 278475

 358477

 428479

 4F847C

 5C847E

 698480

 778482

 848484

# Harmonies

## Analogous

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



498154



0D8471



00848F

# Triad

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



0D8471



736EA9



A06844

# Complementary

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



0D8471



840D20

# 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.



AC5F5C



0D8471



976495

# Square

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



0D8471



3E79AF



AA5D79



8A7239

# Rectangle

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



0D8471



00829F



AA5D79



A6644B



# Sweetspot

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



0D8471



7DABA3



21840D



3B5752



D6D6D6



575757



# Same Dimension

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



0D8471



00AB90



0D5C84



3C4241



00826D



000302



# Inverse Universe

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



840D20



AB001B



84350D



423C3D



820015



030000



# Previews

## White Background



This preview shows how the Hex color 0D8471 looks on a white background.

## Color Contrast Check

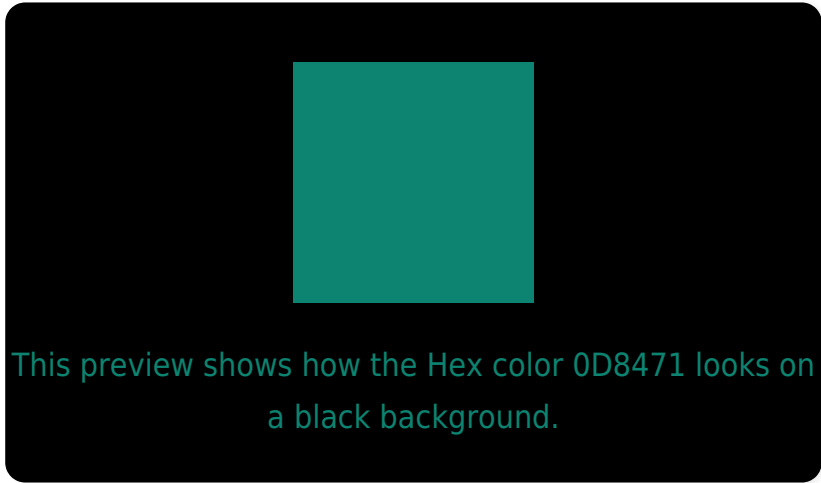
Large Text (above 18pt) WCAG AA ✓ Pass

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

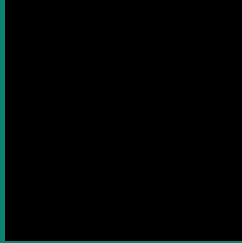
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0D8471 Background



This preview shows how black text looks on a background with the Hex color 0D8471.

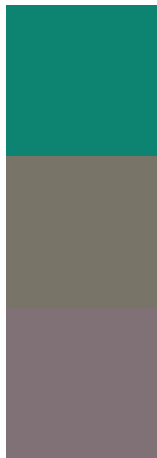


This preview shows how white text looks on a background with the Hex color 0D8471.

# 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**  
0D8471

**Protanopia**  
797468

**Deuteranopia**  
7F7175



**Tritanopia**  
26808B

# Trichromacy



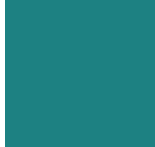
**Original Color**  
0D8471



**Protanomaly**  
527A6B



**Deuteranomaly**  
567874



**Tritanomaly**  
1D8182

# Monochromacy



**Original Color**  
0D8471



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
416C65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D8471 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 #0D8471 looks like.

```
.text, #text, p{  
    color:#0D8471  
}
```

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 #0D8471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D8471
}
```

## Border

The CSS property to change the border of an element to Hex 0D8471 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
#0D8471 }
```

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

```
.border{ border-color:#0D8471 }
```

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

Here you see how a box with a 4 pixel #0D8471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D8471; -webkit-box-shadow:4px 4px  
4px 4px #0D8471; box-shadow:4px 4px 4px  
4px #0D8471 }
```

# Background

The CSS property to change the background color of an element to Hex 0D8471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D8471 }
```

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

```
.background{ background-color:#0D8471 }
```

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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