

Converting Colors

Hex(0D7471)

Have a look what the booklet for
Hex(0D7471) contains.

Hex(0D7471)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0D7471)

Conversions

Conversions Part 1

Format	Color
Hex	0D7471
RGB	13, 116, 113
RGB Percent	5%, 45%, 44%
CMY	0.9490, 0.5451, 0.5569
CMYK	0.89, 0.00, 0.03, 0.55
HSL	178°, 80%, 25%
HSV	178°, 89%, 45%
XYZ	9.3920, 13.7686, 17.7854
YIQ	84.8610, -60.4250, -22.7690

Conversions

Conversions Part 2

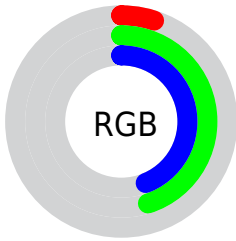
Format	Color
R_{YB}	13, 65, 116
Decimal	881777
CIE Lab	43.90, -27.03, -6.05
CIE LCh	44, 27.697, 192.624
Yxy	13.7686, 0.2294, 0.3363
Android (android.graphics.Color)	4279071857 (0xFF0D7471)
YUV	84.8610, 13.8725, -63.0221
Hunter-Lab	37.1061, -19.7551, -2.4442

Details

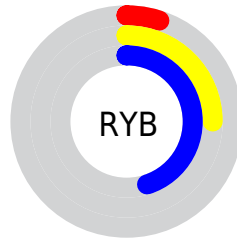
The Hex color **0D7471** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **740D10**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **52A9A5**, and **004341** is the 20% darker color. If you saturate the color by 10%, you get **017471**, and if you desaturate by 10%, it is **197471**.

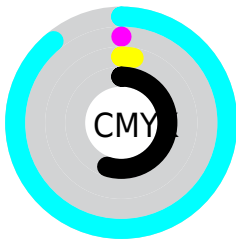
Distribution



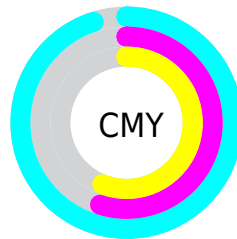
- Red (5%)
- Green (45%)
- Blue (44%)



- Red (5%)
- Yellow (25%)
- Blue (45%)



- Cyan (89%)
- Magenta (0%)
- Yellow (3%)
- Black (55%)



- Cyan (95%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D7471 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 0D7471 by changing the saturation by 10% instead.

0D7471

0D7471

FFFFFF

005B59

52A9A5

004341

6EC4C0

002C2B

8AE0DC

001717

A6FDF8

000000

C3FFFF

E0FFFF

FDFFFF

0D7471

0D7471

■ 017471

■ 197471

■ 007471

■ 247472

■ 307472

■ 3B7472

■ 477473

■ 537473

■ 5E7473

■ 6A7474

■ 757474

Harmonies

Analogous

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



367359



0D7471



007286

Triad

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



0D7471



775E8A



82623C

Complementary

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



0D7471



740D10

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.



905A4A



0D7471



8C5776

Square

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



0D7471



566794



94565F



6D693A

Rectangle

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



0D7471



1B7090



94565F



885F3F

Sweetspot

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



0D7471



6E9695



10740D



344D4C



CCCCCC



4D4D4D

Same Dimension

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



0D7471



009692



0D4474



353B3A



007A77



00FAF3

Inverse Universe

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



740D10



960004



743D0D



3B3535



7A0004



FA0007

Previews

White Background



This preview shows how the Hex color 0D7471 looks on a white background.

Color Contrast Check

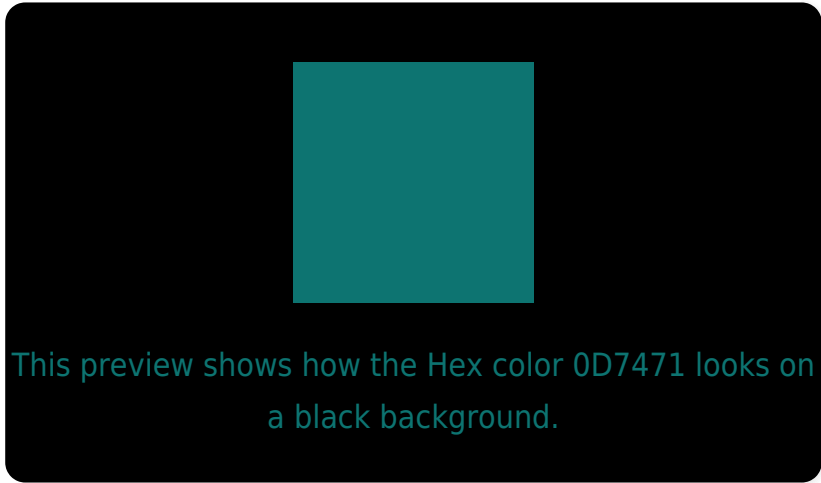
Large Text (above 18pt) WCAG AA ✓ Pass

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

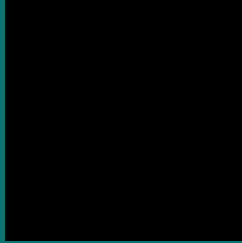
Any Text WCAG AA × Fail

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 0D7471 Background



This preview shows how black text looks on a background with the Hex color 0D7471.



This preview shows how white text looks on a background with the Hex color 0D7471.

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
0D7471

Protanopia
696769

Deuteranopia
6B6574



Tritanopia
1A727C

Trichromacy



Original Color
0D7471



Protanomaly
486C6C



Deuteranomaly
496A73



Tritanomaly
157378

Monochromacy



Original Color
0D7471



Achromatopsia
555555



Achromatomaly
3B605F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D7471 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 #0D7471 looks like.

```
.text, #text, p{  
    color:#0D7471  
}
```

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 #0D7471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7471
}
```

Border

The CSS property to change the border of an element to Hex 0D7471 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
#0D7471 }
```

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

```
.border{ border-color:#0D7471 }
```

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

Here you see how a box with a 4 pixel #0D7471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7471; -webkit-box-shadow:4px 4px  
4px 4px #0D7471; box-shadow:4px 4px 4px  
4px #0D7471 }
```

Background

The CSS property to change the background color of an element to Hex 0D7471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7471 }
```

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

```
.background{ background-color:#0D7471 }
```

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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