

Converting Colors

Hex(0D9F71)

Have a look what the booklet for
Hex(0D9F71) contains.

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Color

Hex(0D9F71)

Conversions

Conversions Part 1

Format	Color
Hex	0D9F71
RGB	13, 159, 113
RGB Percent	5%, 62%, 44%
CMY	0.9490, 0.3765, 0.5569
CMYK	0.92, 0.00, 0.29, 0.38
HSL	161°, 85%, 34%
HSV	161°, 92%, 62%
XYZ	15.5448, 26.0741, 19.8363
YIQ	110.1020, -72.2500, -45.2580

Conversions

Conversions Part 2

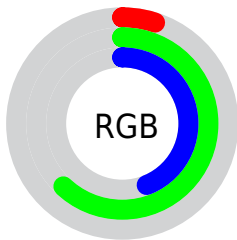
Format	Color
RYB	13, 100, 159
Decimal	892785
CIELab	58.11, -45.99, 14.39
CIELCh	58, 48.194, 162.624
Yxy	26.0741, 0.2529, 0.4243
Android (android.graphics.Color)	4279082865 (0xFF0D9F71)
YUV	110.1020, 1.4287, -85.1585
Hunter-Lab	51.0628, -35.0202, 12.7117

Details

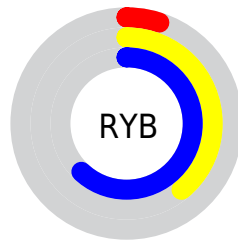
The Hex color **0D9F71** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9F0D3B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5CD7A5**, and **006A41** is the 20% darker color. If you saturate the color by 10%, you get **009F6D**, and if you desaturate by 10%, it is **1D9F76**.

Distribution



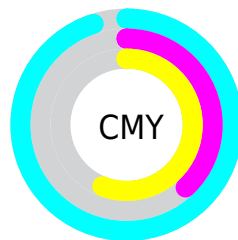
- Red (5%)
- Green (62%)
- Blue (44%)



- Red (5%)
- Yellow (39%)
- Blue (62%)



- Cyan (92%)
- Magenta (0%)
- Yellow (29%)
- Black (38%)



- Cyan (95%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D9F71 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 0D9F71 by changing the saturation by 10% instead.



0D9F71



0D9F71

FFFFFF



008458



5CD7A5



006A41



7AF3C0



00512B



97FFDC



003916



B4FFF9



002300



D2FFFF



000000



F0FFFF



0D9F71



0D9F71



009F6D



1D9F76

 2D9F7B

 3D9F80

 4D9F85

 5D9F8A

 6C9F8F

 7C9F94

 8C9F99

 9C9F9E

Harmonies

Analogous

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



64994B



0D9F71



00A19D

Triad

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



0D9F71



628ADE



D27154

Complementary

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



0D9F71



9F0D3B

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.



DA677B



0D9F71



A679CA

Square

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



0D9F71



0097DC



CC6BA6



B88139

Rectangle

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



0D9F71



00A0B8



CC6BA6



D76C61

Sweetspot

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



0D9F71



95CFBC



3B9F0D



45695D



E8E8E8



696969

Same Dimension

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



0D9F71



00CF8D



0D849F



474F4D



008F62



000F0A

Inverse Universe

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



9F0D3B



CF0041



9F280D



4F474A



8F002D



0F0005

Previews

White Background



This preview shows how the Hex color 0D9F71 looks on a white background.

Color Contrast Check

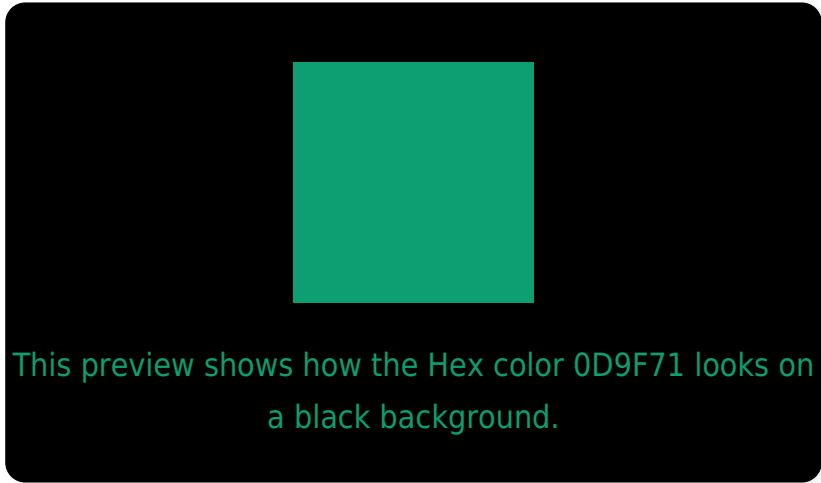
Large Text (above 18pt) WCAG AA ✓ Pass

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

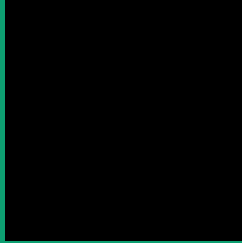
Any Text WCAG AA ✓ Pass

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 0D9F71 Background



This preview shows how black text looks on a background with the Hex color 0D9F71.



This preview shows how white text looks on a background with the Hex color 0D9F71.

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
0D9F71

Protanopia
958B68

Deuteranopia
9F8577



Tritanopia
3698A5

Trichromacy



Original Color
0D9F71



Protanomaly
64926B



Deuteranomaly
6A8E75



Tritanomaly
279B92

Monochromacy



Original Color
0D9F71



Achromatopsia
6E6E6E



Achromatomaly
4B806F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D9F71 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 #0D9F71 looks like.

```
.text, #text, p{  
    color:#0D9F71  
}
```

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 #0D9F71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D9F71
}
```

Border

The CSS property to change the border of an element to Hex 0D9F71 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
#0D9F71 }
```

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

```
.border{ border-color:#0D9F71 }
```

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

Here you see how a box with a 4 pixel #0D9F71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D9F71; -webkit-box-shadow:4px 4px  
4px 4px #0D9F71; box-shadow:4px 4px 4px  
4px #0D9F71 }
```

Background

The CSS property to change the background color of an element to Hex 0D9F71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D9F71 }
```

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

```
.background{ background-color:#0D9F71 }
```

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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