

Converting Colors

Hex(0F8874)

Have a look what the booklet for
Hex(0F8874) contains.

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Color

Hex(0F8874)

Conversions

Conversions Part 1

Format	Color
Hex	0F8874
RGB	15, 136, 116
RGB Percent	6%, 53%, 45%
CMY	0.9412, 0.4667, 0.5451
CMYK	0.89, 0.00, 0.15, 0.47
HSL	170°, 80%, 30%
HSV	170°, 89%, 53%
XYZ	12.1535, 18.9708, 19.5442
YIQ	97.5410, -65.6960, -31.8720

Conversions

Conversions Part 2

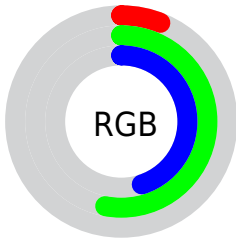
Format	Color
R_{YB}	15, 81, 136
Decimal	1017972
CIE _{Lab}	50.65, -35.40, 2.10
CIE _{LCh}	51, 35.462, 176.605
Yxy	18.9708, 0.2399, 0.3744
Android (android.graphics.Color)	4279208052 (0xFF0F8874)
YUV	97.5410, 9.1003, -72.3885
Hunter-Lab	43.5555, -26.4143, 3.8843

Details

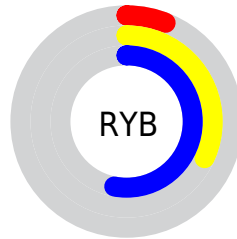
The Hex color **0F8874** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **880F23**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **57BEA8**, and **005544** is the 20% darker color. If you saturate the color by 10%, you get **018872**, and if you desaturate by 10%, it is **1D8876**.

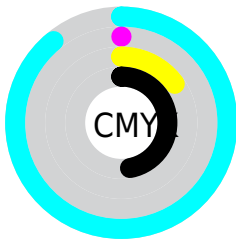
Distribution



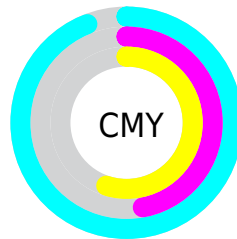
- Red (6%)
- Green (53%)
- Blue (45%)



- Red (6%)
- Yellow (32%)
- Blue (53%)



- Cyan (89%)
- Magenta (0%)
- Yellow (15%)
- Black (47%)



- Cyan (94%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F8874 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 0F8874 by changing the saturation by 10% instead.

 0F8874

 0F8874

FFFFFF

 006E5B

 57BEA8

 005544

 74DAC3

 003D2E

 90F7DF

 002719

 ADFFFC

 000400

 CAFFFF

 000000

 E8FFFF

 0F8874

 0F8874

 018872

 1D8876

■ 008872

■ 2A8878

■ 38887B

■ 45887D

■ 53887F

■ 618881

■ 6E8884

■ 7C8886

■ 898888

Harmonies

Analogous

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



4B8556



0F8874



008893

Triad

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



0F8874



7672AF



A56B47

Complementary

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



0F8874



880F23

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.



B1625F



0F8874



9B679A

Square

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



0F8874



3F7DB5



AF607D



8E763B

Rectangle

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



0F8874



0086A4



AF607D



AB674E

Sweetspot

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



0F8874



80B0A8



23880F



3D5955



D9D9D9



595959

Same Dimension

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



0F8874



00B093



0F6088



3E4544



00856F



000504

Inverse Universe

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



880F23



B0001D



88370F



453E3F



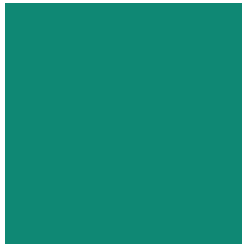
850016



050001

Previews

White Background



This preview shows how the Hex color 0F8874 looks on a white background.

Color Contrast Check

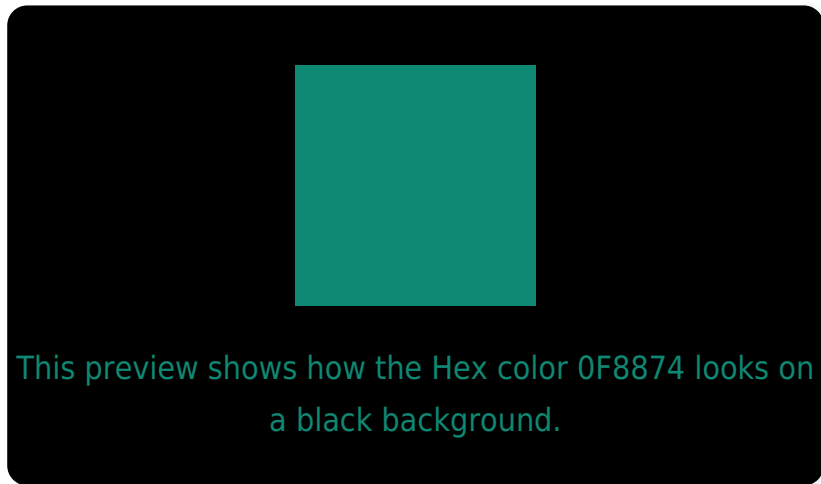
Large Text (above 18pt) WCAG AA ✓ Pass

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

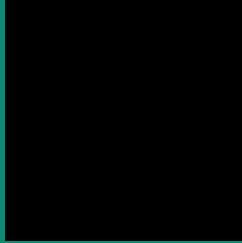
Any Text WCAG AA ✓ Pass

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 0F8874 Background



This preview shows how black text looks on a background with the Hex color 0F8874.

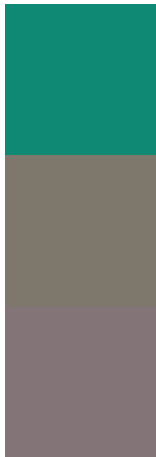


This preview shows how white text looks on a background with the Hex color 0F8874.

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
0F8874

Protanopia
7D786B

Deuteranopia
837478



Tritanopia
28848F

Trichromacy



Original Color
0F8874



Protanomaly
557E6E



Deuteranomaly
597B77



Tritanomaly
1F8585

Monochromacy



Original Color
0F8874



Achromatopsia
626262



Achromatomaly
447069

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F8874 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 #0F8874 looks like.

```
.text, #text, p{  
    color:#0F8874  
}
```

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 #0F8874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F8874
}
```

Border

The CSS property to change the border of an element to Hex 0F8874 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
#0F8874 }
```

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

```
.border{ border-color:#0F8874 }
```

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

Here you see how a box with a 4 pixel #0F8874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F8874; -webkit-box-shadow:4px 4px  
4px 4px #0F8874; box-shadow:4px 4px 4px  
4px #0F8874 }
```

Background

The CSS property to change the background color of an element to Hex 0F8874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F8874 }
```

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

```
.background{ background-color:#0F8874 }
```

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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