

# Converting Colors

Hex(0F8473)

Have a look what the booklet for  
Hex(0F8473) contains.

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# Color

**Hex(0F8473)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F8473
RGB	15, 132, 115
RGB Percent	6%, 52%, 45%
CMY	0.9412, 0.4824, 0.5490
CMYK	0.89, 0.00, 0.13, 0.48
HSL	171°, 80%, 29%
HSV	171°, 89%, 52%
XYZ	11.5428, 17.8419, 19.0551
YIQ	95.0790, -64.2750, -30.0910

# Conversions

## Conversions Part 2

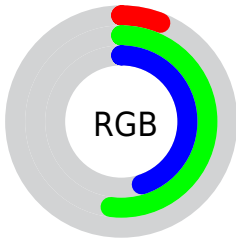
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 78, 132
Decimal	1016947
CIE Lab	49.30, -33.88, 0.72
CIE LCh	49, 33.884, 178.778
Yxy	17.8419, 0.2383, 0.3683
Android (android.graphics.Color)	4279207027 (0xFF0F8473)
YUV	95.0790, 9.8211, -70.2293
Hunter-Lab	42.2397, -25.1409, 2.8209

# Details

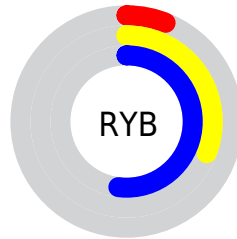
The Hex color **0F8473** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **840F20**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **56BAA7**, and **005243** is the 20% darker color. If you saturate the color by 10%, you get **028471**, and if you desaturate by 10%, it is **1C8475**.

# Distribution



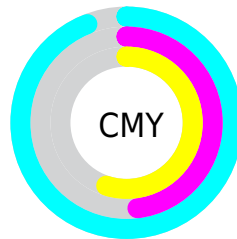
- Red (6%)
- Green (52%)
- Blue (45%)



- Red (6%)
- Yellow (31%)
- Blue (52%)



- Cyan (89%)
- Magenta (0%)
- Yellow (13%)
- Black (48%)



- Cyan (94%)
- Magenta (48%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F8473 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 0F8473 by changing the saturation by 10% instead.



 0F8473

 0F8473

FFFFFF

 006A5A

 56BAA7

 005243

 72D6C2

 003A2D

 8FF2DE

 002518

 ACFFFA

 000000

 C9FFFF

 E6FFFF

 0F8473

 0F8473

 028471

 1C8475

■ 008471

■ 298477

■ 378479

■ 44847B

■ 51847D

■ 5E847F

■ 6B8480

■ 798482

■ 868484

# Harmonies

## Analogous

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



488156



0F8473



008490

# Triad

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



0F8473



766EA8



9F6945

# Complementary

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



0F8473



840F20

# 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.



AB605B



0F8473



986493

# Square

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



0F8473



4478AE



AA5E78



88733B

# Rectangle

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



0F8473



0081A0



AA5E78



A4664B



# Sweetspot

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



0F8473



7DABA4



21840F



3B5753



D6D6D6



575757



# Same Dimension

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



0F8473



00AB92



0F5B84



3C4241



00826F



000302



# Inverse Universe

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



840F20



AB0019



84380F



423C3D



820013



030000



# Previews

## White Background



This preview shows how the Hex color 0F8473 looks on a white background.

## Color Contrast Check

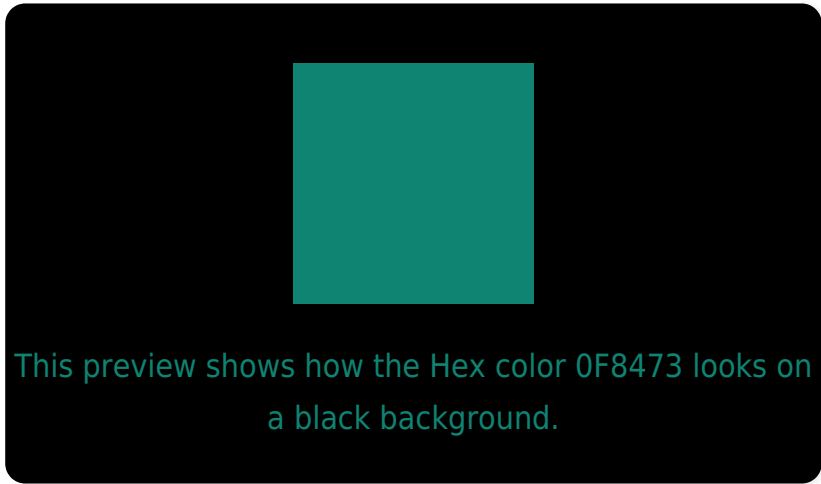
Large Text (above 18pt) WCAG AA ✓ Pass

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

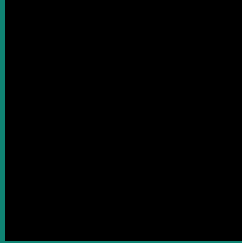
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0F8473 Background



This preview shows how black text looks on a background with the Hex color 0F8473.

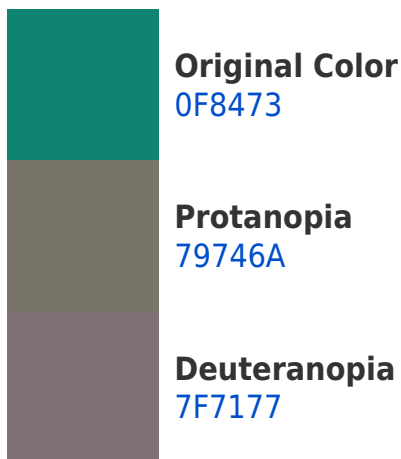


This preview shows how white text looks on a background with the Hex color 0F8473.

# 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**  
26818B

# Trichromacy



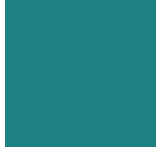
**Original Color**  
0F8473



**Protanomaly**  
527A6D



**Deuteranomaly**  
567876



**Tritanomaly**  
1E8282

# Monochromacy



**Original Color**  
0F8473



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
426C66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F8473 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 #0F8473 looks like.

```
.text, #text, p{  
    color:#0F8473  
}
```

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 #0F8473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F8473  
}
```

## Border

The CSS property to change the border of an element to Hex 0F8473 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  
#0F8473 }
```

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

```
.border{ border-color:#0F8473 }
```

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

Here you see how a box with a 4 pixel #0F8473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F8473; -webkit-box-shadow:4px 4px  
4px 4px #0F8473; box-shadow:4px 4px 4px  
4px #0F8473 }
```

# Background

The CSS property to change the background color of an element to Hex 0F8473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F8473 }
```

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

```
.background{ background-color:#0F8473 }
```

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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