

Converting Colors

Hex(0F9775)

Have a look what the booklet for
Hex(0F9775) contains.

Hex(0F9775)	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(0F9775)

Conversions

Conversions Part 1

Format	Color
Hex	0F9775
RGB	15, 151, 117
RGB Percent	6%, 59%, 46%
CMY	0.9412, 0.4078, 0.5412
CMYK	0.90, 0.00, 0.23, 0.41
HSL	165°, 82%, 33%
HSV	165°, 90%, 59%
XYZ	14.4745, 23.5191, 20.6064
YIQ	106.4600, -70.1420, -39.4060

Conversions

Conversions Part 2

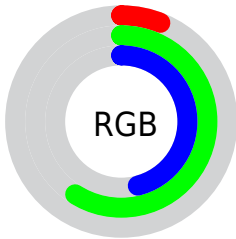
Format	Color
RYB	15, 93, 151
Decimal	1021813
CIELab	55.60, -41.63, 8.63
CIElCh	56, 42.510, 168.292
Yxy	23.5191, 0.2470, 0.4014
Android (android.graphics.Color)	4279211893 (0xFF0F9775)
YUV	106.4600, 5.1962, -80.2104
Hunter-Lab	48.4965, -31.5930, 8.7550

Details

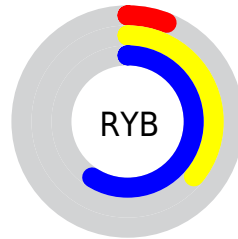
The Hex color **0F9775** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **970F31**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5ACEA9**, and **006345** is the 20% darker color. If you saturate the color by 10%, you get **009771**, and if you desaturate by 10%, it is **1E9779**.

Distribution



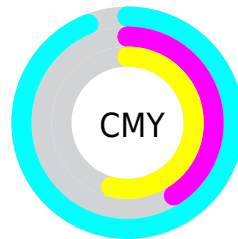
- Red (6%)
- Green (59%)
- Blue (46%)



- Red (6%)
- Yellow (36%)
- Blue (59%)



- Cyan (90%)
- Magenta (0%)
- Yellow (23%)
- Black (41%)



- Cyan (94%)
- Magenta (41%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F9775 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 0F9775 by changing the saturation by 10% instead.

 0F9775

 0F9775

FFFFFF

 007D5C

 5ACEA9

 006345

 78EBC4

 004A2E

 95FFE0

 00321A

 B2FFFD

 001C00

 D0FFFF

 000000

 EDFFFF

 0F9775

 0F9775

 009771

 1E9779

 2D977D

 3C9780

 4B9784

 5B9788

 6A978C

 79978F

 889793

 979797

Harmonies

Analogous

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



5A9352



0F9775



00989B

Triad

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



0F9775



7081CB



C07150

Complementary

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



0F9775



970F31

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.



CB6770



0F9775



A473B7

Square

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



0F9775



008DCD



C26895



A77E3B

Rectangle

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



0F9775



0096B2



C26895



C66D59

Sweetspot

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



0F9775



8FC4B7



31970F



44635B



E3E3E3



636363

Same Dimension

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



0F9775



00C493



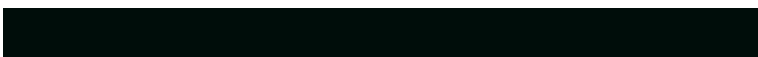
0F7597



454D4B



008C69



000D0A

Inverse Universe

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



970F31



C40031



97310F



4D4547



8C0023



0D0003

Previews

White Background



This preview shows how the Hex color 0F9775 looks on a white background.

Color Contrast Check

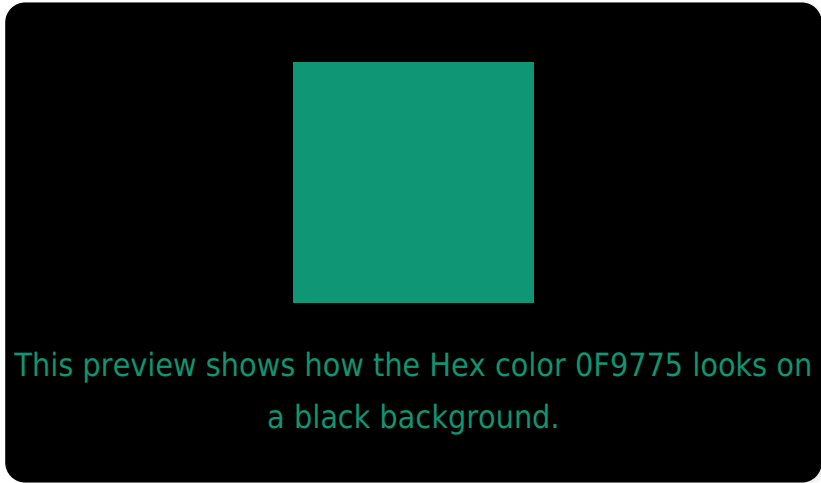
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F9775 Background



This preview shows how black text looks on a background with the Hex color 0F9775.

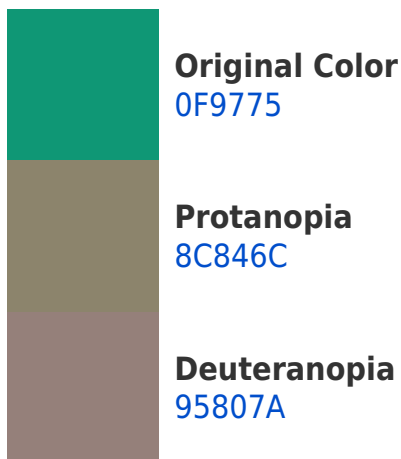


This preview shows how white text looks on a background with the Hex color 0F9775.

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
31929D

Trichromacy



Original Color
0F9775



Protanomaly
5F8B6F



Deuteranomaly
648878



Tritanomaly
25948E

Monochromacy



Original Color
0F9775



Achromatopsia
6A6A6A



Achromatomaly
497A6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F9775 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 #0F9775 looks like.

```
.text, #text, p{  
    color:#0F9775  
}
```

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 #0F9775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F9775  
}
```

Border

The CSS property to change the border of an element to Hex 0F9775 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  
#0F9775 }
```

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

```
.border{ border-color:#0F9775 }
```

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

Here you see how a box with a 4 pixel #0F9775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F9775; -webkit-box-shadow:4px 4px  
4px 4px #0F9775; box-shadow:4px 4px 4px  
4px #0F9775 }
```

Background

The CSS property to change the background color of an element to Hex 0F9775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F9775 }
```

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

```
.background{ background-color:#0F9775 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor