

Converting Colors

Hex(0FA387)

Have a look what the booklet for
Hex(0FA387) contains.

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Color

Hex(0FA387)

Conversions

Conversions Part 1

Format	Color
Hex	0FA387
RGB	15, 163, 135
RGB Percent	6%, 64%, 53%
CMY	0.9412, 0.3608, 0.4706
CMYK	0.91, 0.00, 0.17, 0.36
HSL	169°, 83%, 35%
HSV	169°, 91%, 64%
XYZ	17.6674, 28.0452, 27.4038
YIQ	115.5560, -79.2200, -40.0840

Conversions

Conversions Part 2

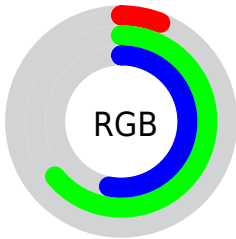
Format	Color
RYB	15, 97, 163
Decimal	1024903
CIELab	59.93, -41.93, 4.64
CIELCh	60, 42.186, 173.686
Yxy	28.0452, 0.2416, 0.3836
Android (android.graphics.Color)	4279214983 (0xFF0FA387)
YUV	115.5560, 9.5859, -88.1876
Hunter-Lab	52.9577, -33.1262, 6.3899

Details

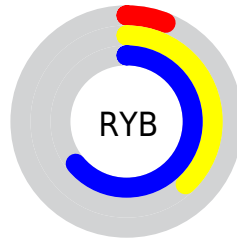
The Hex color **0FA387** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A30F2B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5EDBBC**, and **006E55** is the 20% darker color. If you saturate the color by 10%, you get **00A384**, and if you desaturate by 10%, it is **1FA38A**.

Distribution



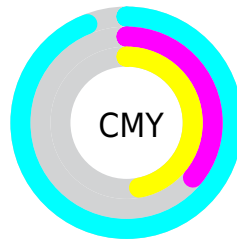
- Red (6%)
- Green (64%)
- Blue (53%)



- Red (6%)
- Yellow (38%)
- Blue (64%)



- Cyan (91%)
- Magenta (0%)
- Yellow (17%)
- Black (36%)



- Cyan (94%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FA387 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 0FA387 by changing the saturation by 10% instead.



0FA387



0FA387

FFFFFF



00886E



5EDBBC



006E55



7DF8D8



00553E



9AFFF4



003D28



B8FFFF



002814



D6FFFF



000000



F4FFFF



0FA387



0FA387



00A384



1FA38A

 30A38D

 40A390

 50A393

 61A396

 71A39A

 81A39D

 91A3A0

 A2A3A3

Harmonies

Analogous

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



5D9F63



0FA387



00A3AD

Triad

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



0FA387



878AD4



C97E56

Complementary

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



0FA387



A30F2B

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.



D67475



0FA387



B77CBD

Square

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



0FA387



3D97DA



D1729A



AE8C45

Rectangle

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



0FA387



00A1C3



D1729A



CF7A5F

Sweetspot

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



0FA387



9BD4C9



2DA30F



496B65



EBEBEB



6B6B6B

Same Dimension

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



0FA387



00D4AC



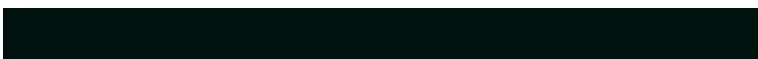
0F77A3



495250



009176



00120E

Inverse Universe

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



A30F2B



D40028



A33B0F



52494B



91001B



120003

Previews

White Background



This preview shows how the Hex color 0FA387 looks on a white background.

Color Contrast Check

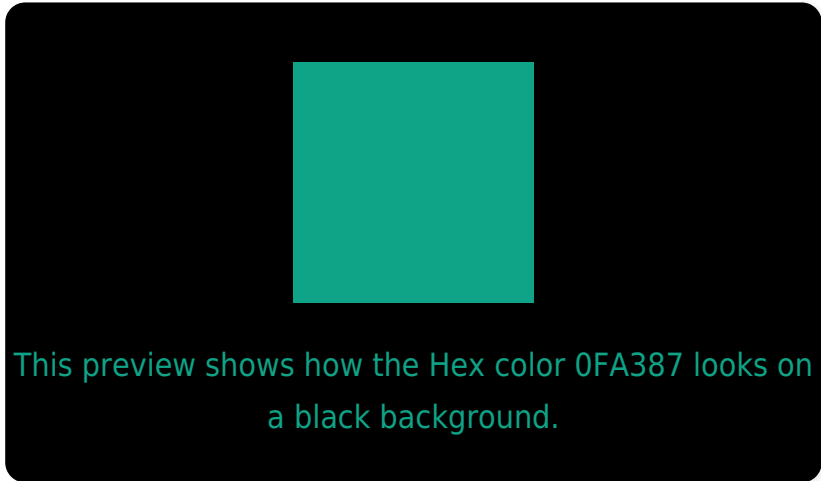
Large Text (above 18pt) WCAG AA ✓ Pass

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 0FA387 Background



This preview shows how black text looks on a background with the Hex color 0FA387.

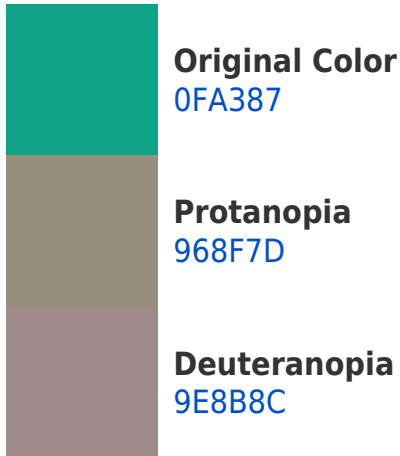


This preview shows how white text looks on a background with the Hex color 0FA387.

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
319EAB

Trichromacy



Original Color
0FA387



Protanomaly
659681



Deuteranomaly
6A948A



Tritanomaly
25A09E

Monochromacy



Original Color
0FA387



Achromatopsia
747474



Achromatomaly
4F857B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FA387 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 #0FA387 looks like.

```
.text, #text, p{  
    color:#0FA387  
}
```

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 #0FA387 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FA387
}
```

Border

The CSS property to change the border of an element to Hex 0FA387 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
#0FA387 }
```

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

```
.border{ border-color:#0FA387 }
```

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

Here you see how a box with a 4 pixel #0FA387 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FA387; -webkit-box-shadow:4px 4px  
4px 4px #0FA387; box-shadow:4px 4px 4px  
4px #0FA387 }
```

Background

The CSS property to change the background color of an element to Hex 0FA387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FA387 }
```

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

```
.background{ background-color:#0FA387 }
```

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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