

Converting Colors

Hex(0FA198)

Have a look what the booklet for
Hex(0FA198) contains.

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Color

Hex(0FA198)

Conversions

Conversions Part 1

Format	Color
Hex	0FA198
RGB	15, 161, 152
RGB Percent	6%, 63%, 60%
CMY	0.9412, 0.3686, 0.4039
CMYK	0.91, 0.00, 0.06, 0.37
HSL	176°, 83%, 35%
HSV	176°, 91%, 63%
XYZ	18.6094, 27.8583, 34.1021
YIQ	116.3200, -84.1270, -33.7510

Conversions

Conversions Part 2

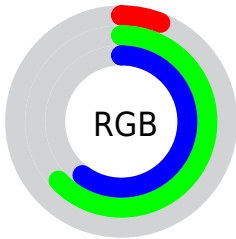
Format	Color
RYB	15, 90, 161
Decimal	1024408
CIELab	59.76, -36.22, -5.20
CIELCh	60, 36.589, 188.171
Yxy	27.8583, 0.2310, 0.3458
Android (android.graphics.Color)	4279214488 (0xFF0FA198)
YUV	116.3200, 17.5902, -88.8576
Hunter-Lab	52.7810, -29.4316, -1.3610

Details

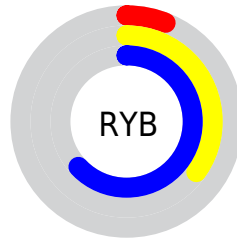
The Hex color **0FA198** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A10F18**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5FD8CE**, and **006D65** is the 20% darker color. If you saturate the color by 10%, you get **00A197**, and if you desaturate by 10%, it is **1FA199**.

Distribution



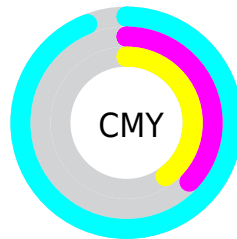
- Red (6%)
- Green (63%)
- Blue (60%)



- Red (6%)
- Yellow (35%)
- Blue (63%)



- Cyan (91%)
- Magenta (0%)
- Yellow (6%)
- Black (37%)



- Cyan (94%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FA198 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 0FA198 by changing the saturation by 10% instead.

 0FA198

 0FA198

FFFFFF

 00867E

 5FD8CE

 006D65

 7EF5EA

 00544D

 9CFFFF

 003C37

 B9FFFF

 002721

 D7FFFF

 00000C

 F6FFFF

 000000

 0FA198

 0FA198

 00A197

 1FA199

 2FA19A

 3FA19B

 4FA19C

 60A19D

 70A19E

 80A19F

 90A1A0

 A0A1A1

Harmonies

Analogous

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



509F77



0FA198



009FB7

Triad

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



0FA198



9F84C3



B88654

Complementary

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



0FA198



A10F18

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.



CA7B6A



0FA198



BF7AA9

Square

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



0FA198



6E90CF



CE7688



9C914F

Rectangle

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



0FA198



009CC6



CE7688



C0825A

Sweetspot

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



0FA198



99D1CE



19A10F



476966



E8E8E8



696969

Same Dimension

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



0FA198



00D1C4



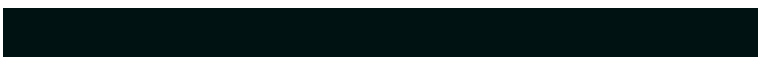
0F62A1



495251



009188



001211

Inverse Universe

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



A10F18



D1000D



A14E0F



52494A



910009



120001

Previews

White Background



This preview shows how the Hex color 0FA198 looks on a white background.

Color Contrast Check

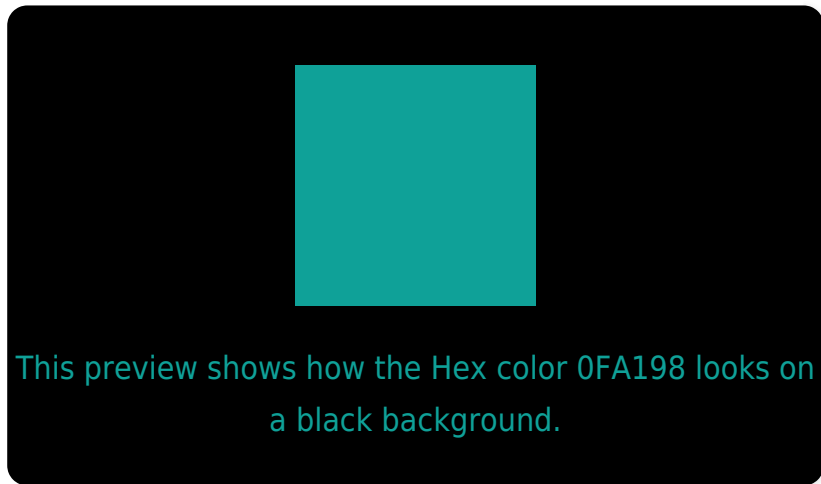
Large Text (above 18pt) WCAG AA ✓ Pass

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

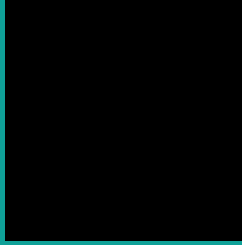
Any Text WCAG AA ✓ Pass

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 0FA198 Background



This preview shows how black text looks on a background with the Hex color 0FA198.

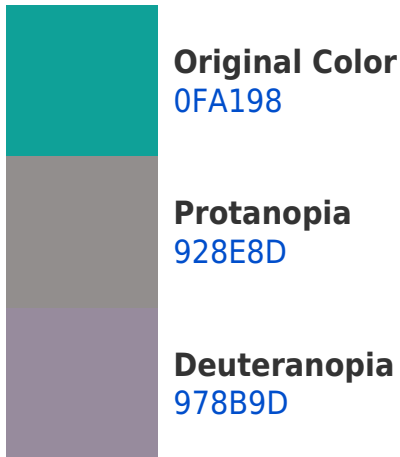


This preview shows how white text looks on a background with the Hex color 0FA198.

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
279EAB

Trichromacy



Original Color
0FA198



Protanomaly
629591



Deuteranomaly
66939B



Tritanomaly
1E9FA4

Monochromacy



Original Color
0FA198



Achromatopsia
747474



Achromatomaly
4F8481

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FA198 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 #0FA198 looks like.

```
.text, #text, p{  
    color:#0FA198  
}
```

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 #0FA198 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FA198
}
```

Border

The CSS property to change the border of an element to Hex 0FA198 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
#0FA198 }
```

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

```
.border{ border-color:#0FA198 }
```

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

Here you see how a box with a 4 pixel #0FA198 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FA198; -webkit-box-shadow:4px 4px  
4px 4px #0FA198; box-shadow:4px 4px 4px  
4px #0FA198 }
```

Background

The CSS property to change the background color of an element to Hex 0FA198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FA198 }
```

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

```
.background{ background-color:#0FA198 }
```

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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