

Converting Colors

Hex(16A198)

Have a look what the booklet for
Hex(16A198) contains.

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Color

Hex(16A198)

Conversions

Conversions Part 1

Format	Color
Hex	16A198
RGB	22, 161, 152
RGB Percent	9%, 63%, 60%
CMY	0.9137, 0.3686, 0.4039
CMYK	0.86, 0.00, 0.06, 0.37
HSL	176°, 76%, 36%
HSV	176°, 86%, 63%
XYZ	18.7432, 27.9273, 34.1084
YIQ	118.4130, -79.9550, -32.2670

Conversions

Conversions Part 2

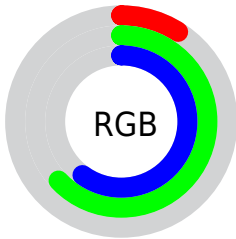
Format	Color
RYB	22, 94, 161
Decimal	1483160
CIELab	59.82, -35.79, -5.10
CIELCh	60, 36.154, 188.111
Yxy	27.9273, 0.2320, 0.3457
Android (android.graphics.Color)	4279673240 (0xFF16A198)
YUV	118.4130, 16.5584, -84.5542
Hunter-Lab	52.8463, -29.1716, -1.2749

Details

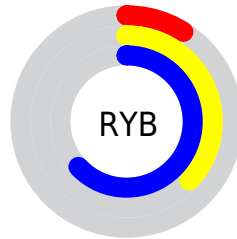
The Hex color **16A198** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A1161F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **62D8CE**, and **006D65** is the 20% darker color. If you saturate the color by 10%, you get **06A197**, and if you desaturate by 10%, it is **26A199**.

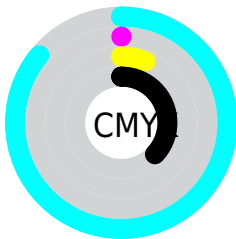
Distribution



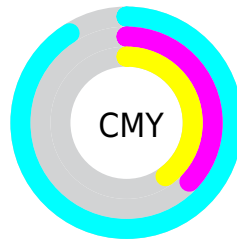
- Red (9%)
- Green (63%)
- Blue (60%)



- Red (9%)
- Yellow (37%)
- Blue (63%)



- Cyan (86%)
- Magenta (0%)
- Yellow (6%)
- Black (37%)



- Cyan (91%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16A198 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 16A198 by changing the saturation by 10% instead.

 16A198

 16A198

FFFFFF

 00867E

 62D8CE

 006D65

 80F5EA

 00544D

 9EFFFF

 003C37

 BBFFFF

 002721

 D9FFFF

 00000C

 F7FFFF

 000000

 16A198

 16A198

 06A197

 26A199

■ 00A197

■ 36A19A

■ 46A19B

■ 56A19C

■ 67A19D

■ 77A19E

■ 87A19F

■ 97A1A0

■ A7A1A1

Harmonies

Analogous

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



519F77



16A198



009FB6

Triad

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



16A198



9F85C2



B88655

Complementary

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



16A198



A1161F

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.



CA7C6A



16A198



BF7AA9

Square

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



16A198



6F90CF



CD7789



9C9150

Rectangle

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



16A198



0B9CC5



CD7789



BF825B

Sweetspot

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



16A198



9BD1CE



1FA116



486966



E8E8E8



696969

Same Dimension

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



16A198



00D1C4



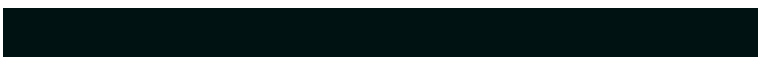
1665A1



495251



009188



001211

Inverse Universe

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



A1161F



D1000E



A15216



52494A



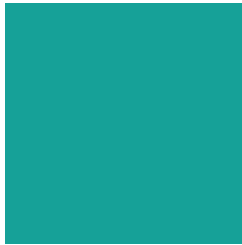
910009



120001

Previews

White Background



This preview shows how the Hex color 16A198 looks on a white background.

Color Contrast Check

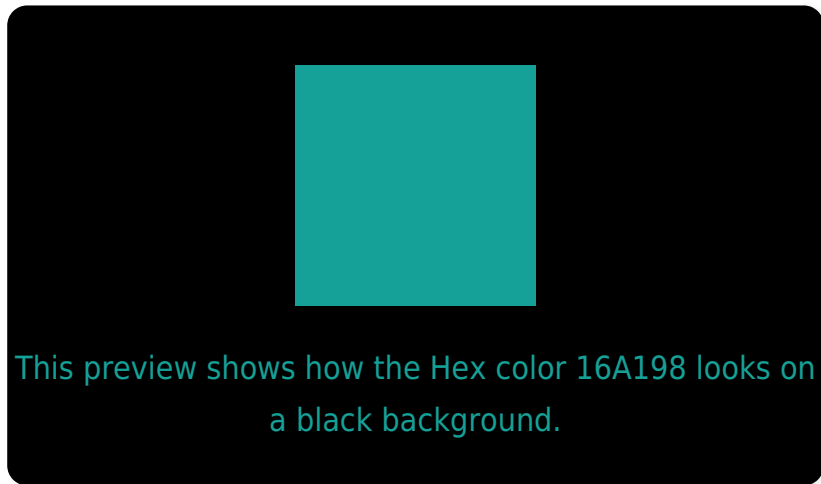
Large Text (above 18pt) WCAG AA ✓ Pass

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

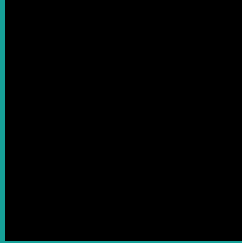
Any Text WCAG AA ✓ Pass

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 16A198 Background



This preview shows how black text looks on a background with the Hex color 16A198.

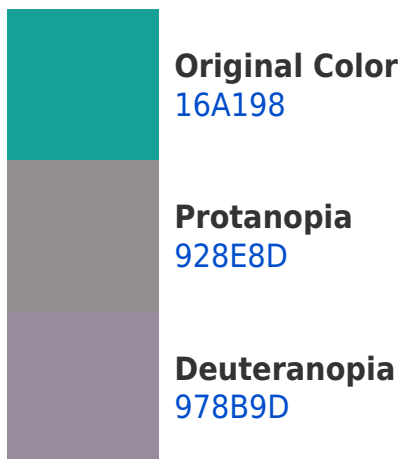


This preview shows how white text looks on a background with the Hex color 16A198.

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
299EAB

Trichromacy



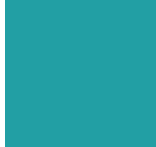
Original Color
16A198



Protanomaly
659591



Deuteranomaly
68939B



Tritanomaly
229FA4

Monochromacy



Original Color
16A198



Achromatopsia
767676



Achromatomaly
538682

CSS Examples

Text

The CSS property to change the color of the text to Hex 16A198 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 #16A198 looks like.

```
.text, #text, p{  
    color:#16A198  
}
```

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 #16A198 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16A198
}
```

Border

The CSS property to change the border of an element to Hex 16A198 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
#16A198 }
```

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

```
.border{ border-color:#16A198 }
```

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

Here you see how a box with a 4 pixel #16A198 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16A198; -webkit-box-shadow:4px 4px  
4px 4px #16A198; box-shadow:4px 4px 4px  
4px #16A198 }
```

Background

The CSS property to change the background color of an element to Hex 16A198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16A198 }
```

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

```
.background{ background-color:#16A198 }
```

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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