

Converting Colors

Hex(10A298)

Have a look what the booklet for
Hex(10A298) contains.

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Color

Hex(10A298)

Conversions

Conversions Part 1

Format	Color
Hex	10A298
RGB	16, 162, 152
RGB Percent	6%, 64%, 60%
CMY	0.9373, 0.3647, 0.4039
CMYK	0.90, 0.00, 0.06, 0.36
HSL	176°, 82%, 35%
HSV	176°, 90%, 64%
XYZ	18.8015, 28.2178, 34.1614
YIQ	117.2060, -83.8060, -34.0620

Conversions

Conversions Part 2

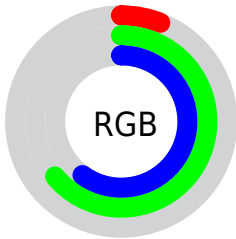
Format	Color
RYB	16, 92, 162
Decimal	1090200
CIELab	60.09, -36.62, -4.72
CIELCh	60, 36.924, 187.344
Yxy	28.2178, 0.2316, 0.3476
Android (android.graphics.Color)	4279280280 (0xFF10A298)
YUV	117.2060, 17.1534, -88.7577
Hunter-Lab	53.1204, -29.7823, -0.9447

Details

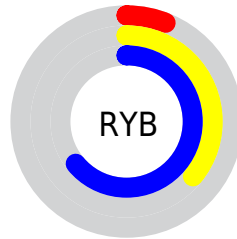
The Hex color **10A298** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A2101A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **60DACE**, and **006D65** is the 20% darker color. If you saturate the color by 10%, you get **00A297**, and if you desaturate by 10%, it is **20A299**.

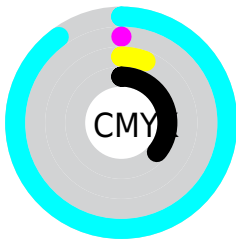
Distribution



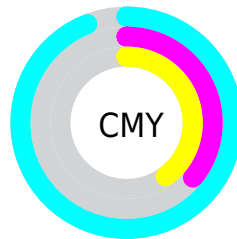
- Red (6%)
- Green (64%)
- Blue (60%)



- Red (6%)
- Yellow (36%)
- Blue (64%)



- Cyan (90%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



- Cyan (94%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10A298 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 10A298 by changing the saturation by 10% instead.

 10A298

 10A298

FFFFFF

 00877E

 60DACE

 006D65

 7EF6EA

 00544D

 9CFFFF

 003C37

 BAF6FF

 002721

 D8FFFF

 00010C

 F6FFFF

 000000

 10A298

 10A298

 00A297

 20A299

 30A29A

 41A29B

 51A29C

 61A29E

 71A29F

 81A2A0

 92A2A1

 A2A2A2

Harmonies

Analogous

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



51A077



10A298



00A0B7

Triad

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



10A298



9F85C5



BA8655

Complementary

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



10A298



A2101A

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.



CC7C6B



10A298



C07BAB

Square

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



10A298



6D91D1



CF778A



9E914F

Rectangle

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



10A298



009DC7



CF778A



C1825B

Sweetspot

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



10A298



9BD4D0



1CA210



496B69



EBEBEB



6B6B6B

Same Dimension

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



10A298



00D4C5



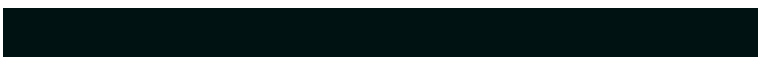
1065A2



495251



009187



001211

Inverse Universe

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



A2101A



D4000E



A24D10



52494A



91000A



120001

Previews

White Background



This preview shows how the Hex color 10A298 looks on a white background.

Color Contrast Check

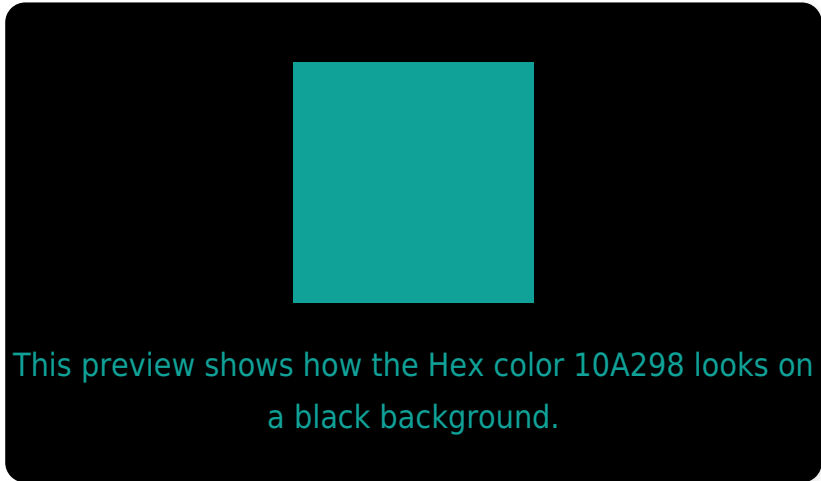
Large Text (above 18pt) WCAG AA ✓ Pass

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

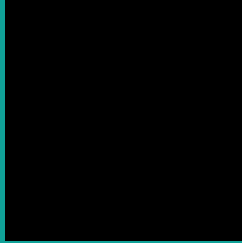
Any Text WCAG AA ✓ Pass

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 10A298 Background



This preview shows how black text looks on a background with the Hex color 10A298.

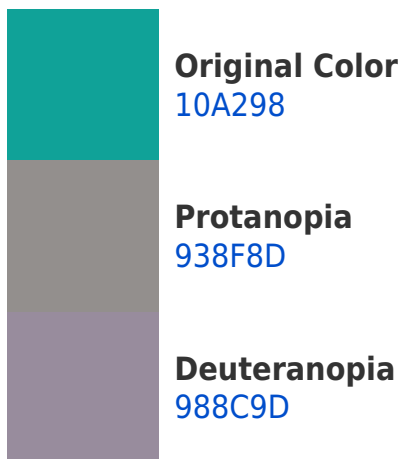


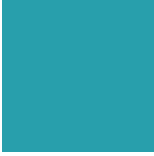
This preview shows how white text looks on a background with the Hex color 10A298.

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





Trichromacy



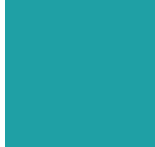
Original Color
10A298



Protanomaly
639691



Deuteranomaly
67949B



Tritanomaly
1FA0A5

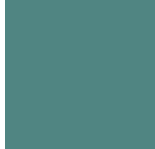
Monochromacy



Original Color
10A298



Achromatopsia
757575



Achromatomaly
508582

CSS Examples

Text

The CSS property to change the color of the text to Hex 10A298 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 #10A298 looks like.

```
.text, #text, p{  
    color:#10A298  
}
```

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 #10A298 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10A298
}
```

Border

The CSS property to change the border of an element to Hex 10A298 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
#10A298 }
```

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

```
.border{ border-color:#10A298 }
```

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

Here you see how a box with a 4 pixel #10A298 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10A298; -webkit-box-shadow:4px 4px  
4px 4px #10A298; box-shadow:4px 4px 4px  
4px #10A298 }
```

Background

The CSS property to change the background color of an element to Hex 10A298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10A298 }
```

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

```
.background{ background-color:#10A298 }
```

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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