

Converting Colors

Hex(0CA08F)

Have a look what the booklet for
Hex(0CA08F) contains.

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Color

Hex(0CA08F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0CA08F |
| RGB | 12, 160, 143 |
| RGB Percent | 5%, 63%, 56% |
| CMY | 0.9529, 0.3725, 0.4392 |
| CMYK | 0.92, 0.00, 0.11, 0.37 |
| HSL | 173°, 86%, 34% |
| HSV | 173°, 92%, 63% |
| XYZ | 17.6804, 27.2029, 30.3054 |
| YIQ | 113.8100, -82.7510, -36.6630 |

Conversions

Conversions Part 2

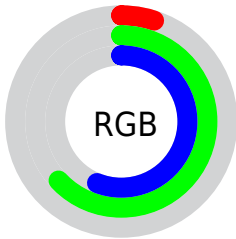
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 12, 91, 160 |
| Decimal | 827535 |
| CIE Lab | 59.16, -38.55, -0.99 |
| CIE LCh | 59, 38.564, 181.475 |
| Yxy | 27.2029, 0.2351, 0.3618 |
| Android (android.graphics.Color) | 4279017615 (0xFF0CA08F) |
| YUV | 113.8100, 14.3907, -89.2874 |
| Hunter-Lab | 52.1564, -30.7646, 2.0591 |

Details

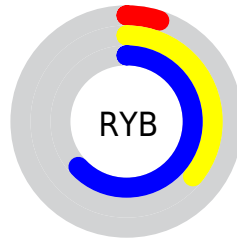
The Hex color **0CA08F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A00C1D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5ED7C5**, and **006B5D** is the 20% darker color. If you saturate the color by 10%, you get **00A08E**, and if you desaturate by 10%, it is **1CA091**.

Distribution



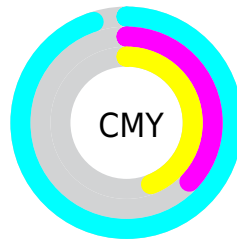
- Red (5%)
- Green (63%)
- Blue (56%)



- Red (5%)
- Yellow (36%)
- Blue (63%)



- Cyan (92%)
- Magenta (0%)
- Yellow (11%)
- Black (37%)



- Cyan (95%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CA08F 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 0CA08F by changing the saturation by 10% instead.



0CA08F



0CA08F

FFFFFF



008575



5ED7C5



006B5D



7CF4E1



005245



9AFFFD



003A2F



B7FFFF



00261A



D5FFFF



000000



F3FFFF



0CA08F



0CA08F



00A08E



1CA091

 2CA093

 3CA095

 4CA096

 5CA098

 6CA09A

 7CA09C

 8CA09E

 9CA0A0

Harmonies

Analogous

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



559D6D



0CA08F



009FB1

Triad

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



0CA08F



9485C8



BD8154

Complementary

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



0CA08F



A00C1D

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.



CD776D



0CA08F



BA79AF

Square

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



0CA08F



5B91D2



CD738E



A28D49

Rectangle

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



0CA08F



009CC2



CD738E



C47D5B

Sweetspot

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



0CA08F



97D1CA



1DA00C



456964



E8E8E8



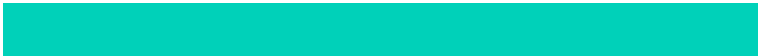
696969

Same Dimension

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



0CA08F



00D1B9



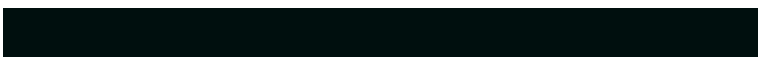
0C67A0



474F4E



008F7E



000F0E

Inverse Universe

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



A00C1D



D10018



A0450C



4F4748



8F0010



0F0002

Previews

White Background



This preview shows how the Hex color 0CA08F 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



This preview shows how the Hex color 0CA08F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

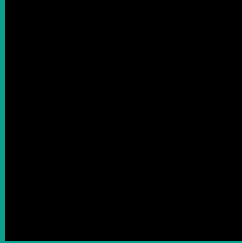
Any Text WCAG AA ✓ Pass

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 0CA08F Background



This preview shows how black text looks on a background with the Hex color 0CA08F.

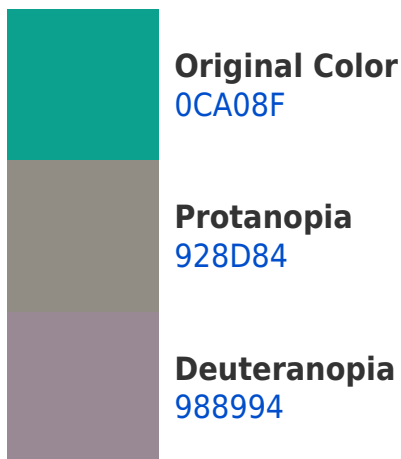


This preview shows how white text looks on a background with the Hex color 0CA08F.

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
2A9CA9

Trichromacy



Original Color
0CA08F



Protanomaly
619488



Deuteranomaly
659192



Tritanomaly
1F9DA0

Monochromacy



Original Color
0CA08F



Achromatopsia
727272



Achromatomaly
4D837D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CA08F 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 #0CA08F looks like.

```
.text, #text, p{  
    color:#0CA08F  
}
```

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 #0CA08F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CA08F
}
```

Border

The CSS property to change the border of an element to Hex 0CA08F 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
#0CA08F }
```

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

```
.border{ border-color:#0CA08F }
```

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

Here you see how a box with a 4 pixel #0CA08F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CA08F; -webkit-box-shadow:4px 4px  
4px 4px #0CA08F; box-shadow:4px 4px 4px  
4px #0CA08F }
```

Background

The CSS property to change the background color of an element to Hex 0CA08F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CA08F }
```

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

```
.background{ background-color:#0CA08F }
```

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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