

# Converting Colors

Hex(1A908D)

Have a look what the booklet for  
Hex(1A908D) contains.

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# Color

Hex(1A908D)

# Conversions

## Conversions Part 1

Format	Color
Hex	1A908D
RGB	26, 144, 141
RGB Percent	10%, 56%, 55%
CMY	0.8980, 0.4353, 0.4471
CMYK	0.82, 0.00, 0.02, 0.44
HSL	178°, 69%, 33%
HSV	178°, 82%, 56%
XYZ	15.2070, 22.0892, 28.6615
YIQ	108.3760, -69.3650, -25.9490

# Conversions

## Conversions Part 2

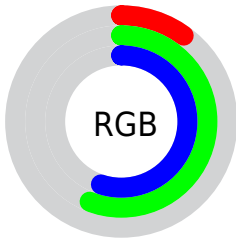
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 86, 144
Decimal	1740941
CIELab	54.12, -30.81, -7.28
CIELCh	54, 31.657, 193.290
Yxy	22.0892, 0.2306, 0.3349
Android (android.graphics.Color)	4279931021 (0xFF1A908D)
YUV	108.3760, 16.0836, -72.2438
Hunter-Lab	46.9992, -24.4934, -3.2573

# Details

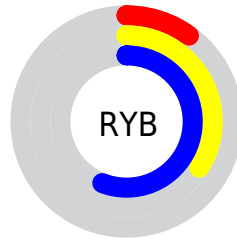
The Hex color **1A908D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **901A1D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5FC6C3**, and **005D5B** is the 20% darker color. If you saturate the color by 10%, you get **0C908D**, and if you desaturate by 10%, it is **28908D**.

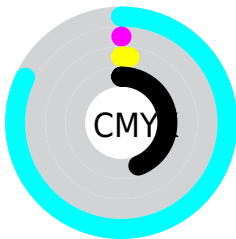
# Distribution



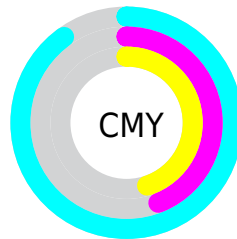
- Red (10%)
- Green (56%)
- Blue (55%)



- Red (10%)
- Yellow (34%)
- Blue (56%)



- Cyan (82%)
- Magenta (0%)
- Yellow (2%)
- Black (44%)



- Cyan (90%)
- Magenta (44%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A908D 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 1A908D by changing the saturation by 10% instead.



 1A908D

 1A908D

FFFFFF

 007674

 5FC6C3

 005D5B

 7CE3DE

 004544

 99FFFB

 002E2D

 B6FFFF

 001819

 D4FFFF

 000000

 F2FFFF

 1A908D

 1A908D

 0C908D

 28908D

00908C

37908E

45908E

54908E

62908F

70908F

7F9090

8D9090

9C9090

# Harmonies

## Analogous

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



468F71



1A908D



008EA6

# Triad

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



1A908D



9476A9



A07A4D

# Complementary

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



1A908D



901A1D

# 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.



B1715D



1A908D



AD6E92

# Square

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



1A908D



6D80B6



B76C76



87844B

# Rectangle

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



1A908D



2B8BB2



B76C76



A77751



# Sweetspot

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



1A908D



8CBAB9



1E901A



425E5E



DEDEDE



5E5E5E



# Same Dimension

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



1A908D



04BAB6



1A5990



404747



008784



000807



# Inverse Universe

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



901A1D



BA0408



90511A



474040



870003



080000



# Previews

## White Background



This preview shows how the Hex color 1A908D looks on a white background.

## Color Contrast Check

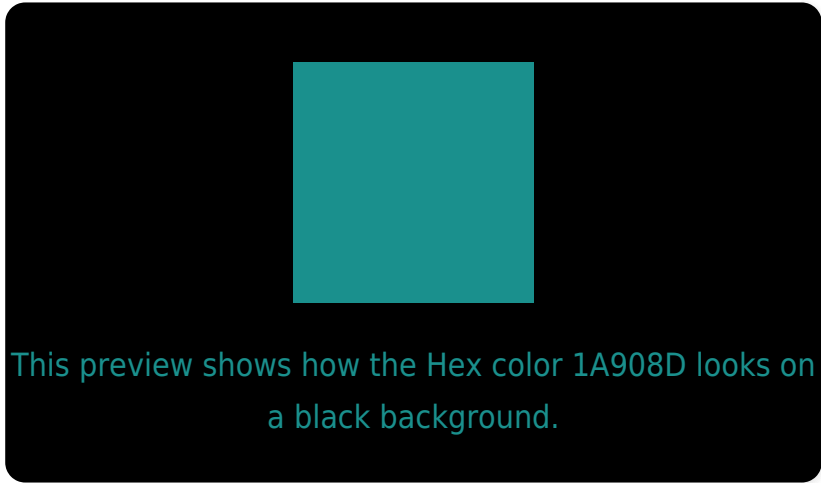
Large Text (above 18pt) WCAG AA ✓ Pass

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

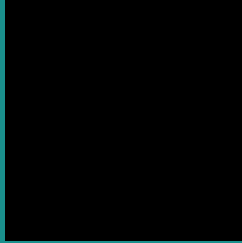
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1A908D Background



This preview shows how black text looks on a background with the Hex color 1A908D.

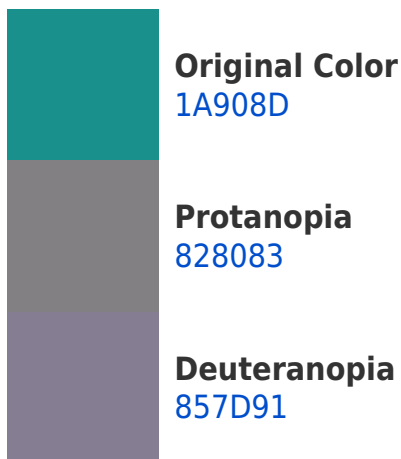


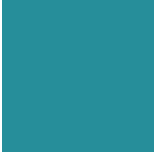
This preview shows how white text looks on a background with the Hex color 1A908D.

# 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**  
268E9A

# Trichromacy



**Original Color**  
1A908D



**Protanomaly**  
5C8687



**Deuteranomaly**  
5E8490



**Tritanomaly**  
228F95

# Monochromacy



**Original Color**  
1A908D



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
4E7978

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A908D 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 #1A908D looks like.

```
.text, #text, p{  
    color:#1A908D  
}
```

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 #1A908D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A908D
}
```

## Border

The CSS property to change the border of an element to Hex 1A908D 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
#1A908D }
```

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

```
.border{ border-color:#1A908D }
```

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

Here you see how a box with a 4 pixel #1A908D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A908D; -webkit-box-shadow:4px 4px  
4px 4px #1A908D; box-shadow:4px 4px 4px  
4px #1A908D }
```

# Background

The CSS property to change the background color of an element to Hex 1A908D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A908D }
```

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

```
.background{ background-color:#1A908D }
```

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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