

# Converting Colors

Hex(1A9087)

Have a look what the booklet for  
Hex(1A9087) contains.

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**Color**

**Hex(1A9087)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A9087
RGB	26, 144, 135
RGB Percent	10%, 56%, 53%
CMY	0.8980, 0.4353, 0.4706
CMYK	0.82, 0.00, 0.06, 0.44
HSL	175°, 69%, 33%
HSV	175°, 82%, 56%
XYZ	14.7724, 21.9154, 26.3732
YIQ	107.6920, -67.4390, -27.8150

# Conversions

## Conversions Part 2

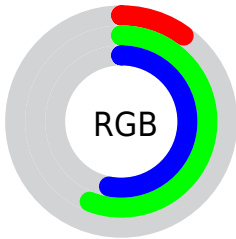
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 87, 144
Decimal	1740935
CIELab	53.94, -32.63, -4.09
CIElCh	54, 32.880, 187.144
Yxy	21.9154, 0.2343, 0.3475
Android (android.graphics.Color)	4279931015 (0xFF1A9087)
YUV	107.6920, 13.4628, -71.6439
Hunter-Lab	46.8139, -25.5974, -0.6320

# Details

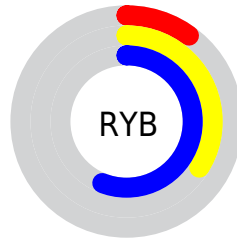
The Hex color **1A9087** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **901A23**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5EC6BC**, and **005D55** is the 20% darker color. If you saturate the color by 10%, you get **0C9086**, and if you desaturate by 10%, it is **289088**.

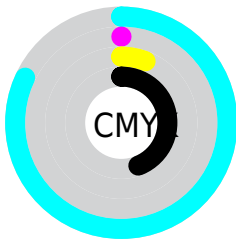
# Distribution



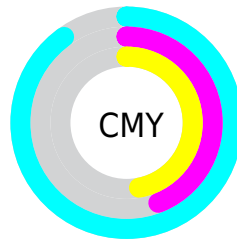
- Red (10%)
- Green (56%)
- Blue (53%)



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



- Cyan (82%)
- Magenta (0%)
- Yellow (6%)
- Black (44%)



- Cyan (90%)
- Magenta (44%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A9087 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 1A9087 by changing the saturation by 10% instead.



 1A9087

 1A9087

FFFFFF

 00766E

 5EC6BC

 005D55

 7BE3D8

 00453E

 98FFF4

 002D29

 B5FFF4

 001714

 D3FFF4

 000000

 F0FFF4

 1A9087

 1A9087

 0C9086

 289088

■ 009085

■ 379089

■ 45908A

■ 54908B

■ 62908C

■ 70908E

■ 7F908F

■ 8D9090

■ 9C9091

# Harmonies

## Analogous

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



4A8E6A



1A9087



008FA2

# Triad

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



1A9087



8D77AE



A5784D

# Complementary

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



1A9087



901A23

# 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.



B56F60



1A9087



AA6E98

# Square

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



1A9087



6281B9



B76A7B



8D8148

# Rectangle

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



1A9087



0E8CB0



B76A7B



AC7452



# Sweetspot

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



1A9087



8CBAB7



24901A



425E5C



DEDEDE



5E5E5E



# Same Dimension

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



1A9087



04BAAC



1A5F90



404747



00877D



000807



# Inverse Universe

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



901A23



BA0412



904B1A



474041



87000A

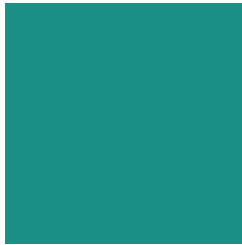


080001



# Previews

## White Background



This preview shows how the Hex color 1A9087 looks on a white background.

## Color Contrast Check

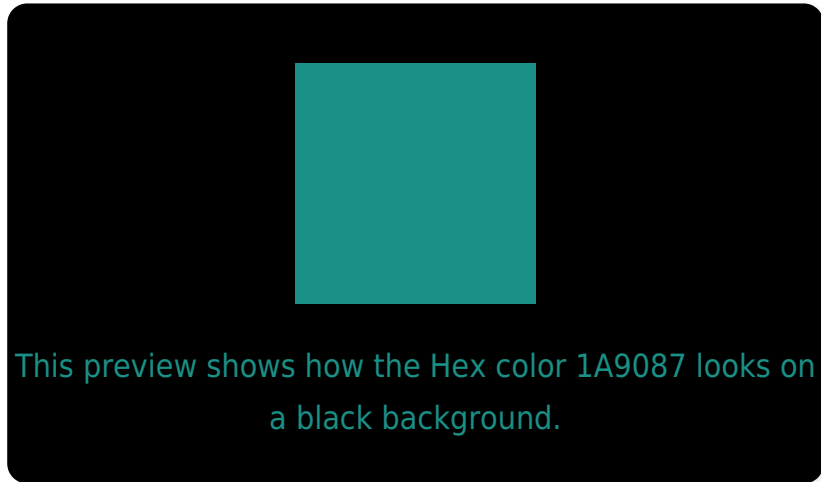
Large Text (above 18pt) WCAG AA ✓ Pass

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

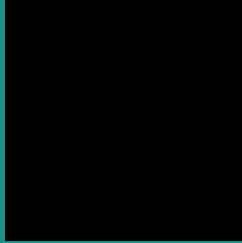
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1A9087 Background



This preview shows how black text looks on a background with the Hex color 1A9087.

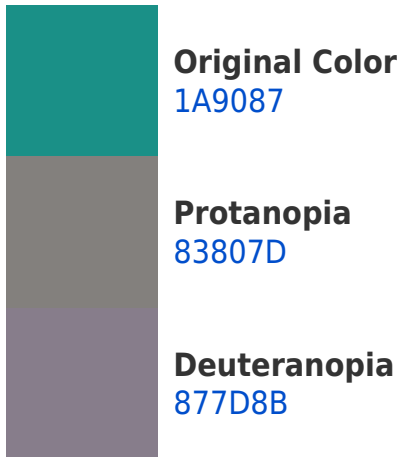


This preview shows how white text looks on a background with the Hex color 1A9087.

# 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](#).

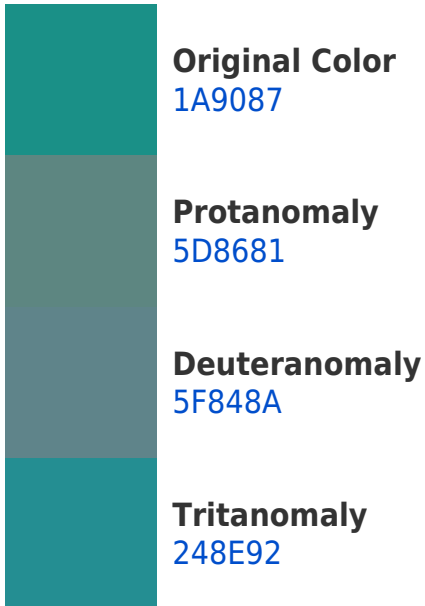
## Dichromacy





**Tritanopia**  
298D99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A9087 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 #1A9087 looks like.

```
.text, #text, p{  
    color:#1A9087  
}
```

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 #1A9087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A9087
}
```

## Border

The CSS property to change the border of an element to Hex 1A9087 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
#1A9087 }
```

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

```
.border{ border-color:#1A9087 }
```

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

Here you see how a box with a 4 pixel #1A9087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A9087; -webkit-box-shadow:4px 4px  
4px 4px #1A9087; box-shadow:4px 4px 4px  
4px #1A9087 }
```

# Background

The CSS property to change the background color of an element to Hex 1A9087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A9087 }
```

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

```
.background{ background-color:#1A9087 }
```

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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