

# Converting Colors

Hex(1A9397)

Have a look what the booklet for  
Hex(1A9397) contains.

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# Color

Hex(1A9397)

# Conversions

## Conversions Part 1

Format	Color
Hex	1A9397
RGB	26, 147, 151
RGB Percent	10%, 58%, 59%
CMY	0.8980, 0.4235, 0.4078
CMYK	0.83, 0.03, 0.00, 0.41
HSL	182°, 71%, 35%
HSV	182°, 83%, 59%
XYZ	16.4456, 23.3214, 32.9129
YIQ	111.2770, -73.4000, -24.4080

# Conversions

## Conversions Part 2

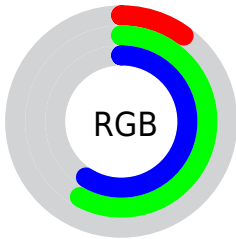
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 87, 151
Decimal	1741719
CIE <sub>Lab</sub>	55.40, -29.15, -11.12
CIE <sub>LCh</sub>	55, 31.198, 200.877
Yxy	23.3214, 0.2263, 0.3209
Android (android.graphics.Color)	4279931799 (0xFF1A9397)
YUV	111.2770, 19.5834, -74.7879
Hunter-Lab	48.2923, -23.7243, -6.6036

# Details

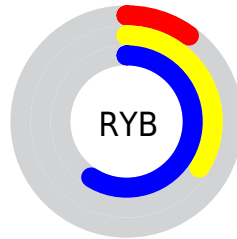
The Hex color **1A9397** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **971E1A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **61C9CD**, and **006064** is the 20% darker color. If you saturate the color by 10%, you get **0B9397**, and if you desaturate by 10%, it is **299397**.

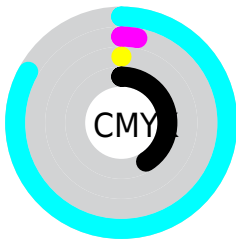
# Distribution



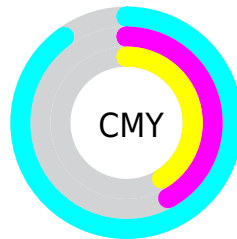
- Red (10%)
- Green (58%)
- Blue (59%)



- Red (10%)
- Yellow (34%)
- Blue (59%)



- Cyan (83%)
- Magenta (3%)
- Yellow (0%)
- Black (41%)



- Cyan (90%)
- Magenta (42%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A9397 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 1A9397 by changing the saturation by 10% instead.



■ 1A9397

■ 1A9397

FFFFFF

■ 00797D

■ 61C9CD

■ 006064

■ 7EE6E9

■ 00484C

■ 9BFFFF

■ 003036

■ B9FFFF

■ 001C20

■ D6FFFF

■ 000008

■ F4FFFF

■ 000000

■ 1A9397

■ 1A9397

■ 0B9397

■ 299397

■ 009297

■ 389497

■ 479497

■ 569597

■ 669597

■ 759697

■ 849697

■ 939797

■ A29797

# Harmonies

## Analogous

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



41937B



1A9397



1F90AE

# Triad

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



1A9397



9F77A7



9E804F

# Complementary

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



1A9397



971E1A

# 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.



B1775C



1A9397



B4708E

# Square

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



1A9397



7C81B7



BA7173



838951

# Rectangle

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



1A9397



3F8CB7



BA7173



A57D52



# Sweetspot

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



1A9397



93C3C4



1A971C



466263



E3E3E3



636363



# Same Dimension

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



1A9397



02BEC4



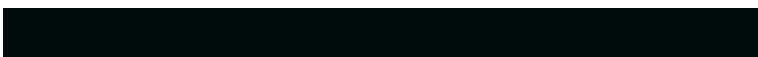
1A5697



454C4D



00888C



000C0D



# Inverse Universe

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



971A93



C402BE



975B1A



4D454C



8C0088



0D000C



# Previews

## White Background



This preview shows how the Hex color 1A9397 looks on a white background.

## Color Contrast Check

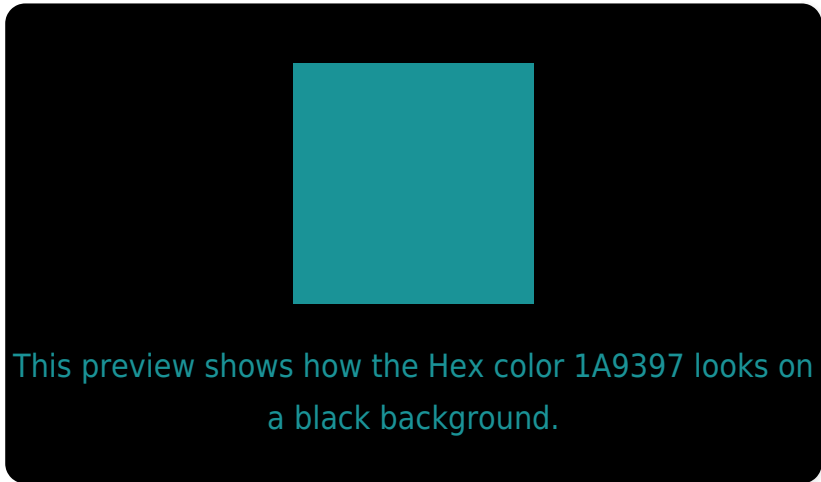
Large Text (above 18pt) WCAG AA ✓ Pass

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

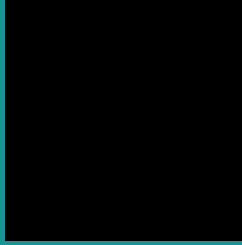
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1A9397 Background



This preview shows how black text looks on a background with the Hex color 1A9397.

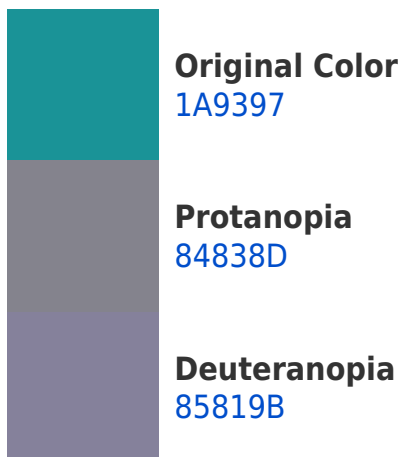


This preview shows how white text looks on a background with the Hex color 1A9397.

# 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**  
21929E

# Trichromacy



**Original Color**  
1A9397



**Protanomaly**  
5D8991



**Deuteranomaly**  
5E889A



**Tritanomaly**  
1E929B

# Monochromacy



**Original Color**  
1A9397



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
507C7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A9397 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 #1A9397 looks like.

```
.text, #text, p{  
    color:#1A9397  
}
```

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 #1A9397 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A9397
}
```

## Border

The CSS property to change the border of an element to Hex 1A9397 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
#1A9397 }
```

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

```
.border{ border-color:#1A9397 }
```

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

Here you see how a box with a 4 pixel #1A9397 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A9397; -webkit-box-shadow:4px 4px  
4px 4px #1A9397; box-shadow:4px 4px 4px  
4px #1A9397 }
```

# Background

The CSS property to change the background color of an element to Hex 1A9397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A9397 }
```

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

```
.background{ background-color:#1A9397 }
```

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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