

Converting Colors

Hex(159A7D)

Have a look what the booklet for
Hex(159A7D) contains.

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Color

Hex(159A7D)

Conversions

Conversions Part 1

Format	Color
Hex	159A7D
RGB	21, 154, 125
RGB Percent	8%, 60%, 49%
CMY	0.9176, 0.3961, 0.5098
CMYK	0.86, 0.00, 0.19, 0.40
HSL	167°, 76%, 34%
HSV	167°, 86%, 60%
XYZ	15.5665, 24.7513, 23.3591
YIQ	110.9270, -69.9590, -37.2150

Conversions

Conversions Part 2

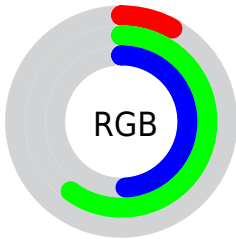
Format	Color
RYB	21, 96, 154
Decimal	1415805
CIELab	56.83, -40.37, 5.85
CIELCh	57, 40.792, 171.762
Yxy	24.7513, 0.2445, 0.3887
Android (android.graphics.Color)	4279605885 (0xFF159A7D)
YUV	110.9270, 6.9380, -78.8660
Hunter-Lab	49.7507, -31.2127, 6.9875

Details

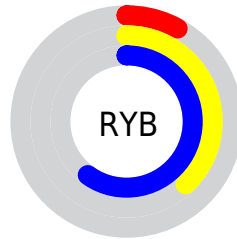
The Hex color **159A7D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9A1532**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5DD1B2**, and **00664C** is the 20% darker color. If you saturate the color by 10%, you get **069A7A**, and if you desaturate by 10%, it is **249A80**.

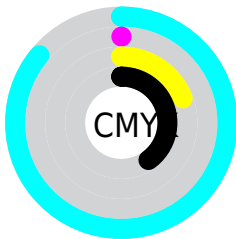
Distribution



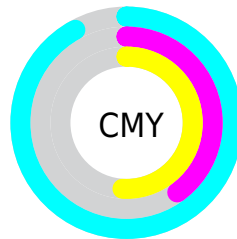
- Red (8%)
- Green (60%)
- Blue (49%)



- Red (8%)
- Yellow (38%)
- Blue (60%)



- Cyan (86%)
- Magenta (0%)
- Yellow (19%)
- Black (40%)



- Cyan (92%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 159A7D 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 159A7D by changing the saturation by 10% instead.

 159A7D

 159A7D

FFFFFF

 007F64

 5DD1B2

 00664C

 7BEECD

 004D36

 98FFE9

 003520

 B5FFFF

 002009

 D3FFFF

 000000

 F1FFFF

 159A7D

 159A7D

 069A7A

 249A80

■ 009A78

■ 349A84

■ 439A87

■ 539A8A

■ 629A8E

■ 719A91

■ 819A95

■ 909A98

■ A09A9B

Harmonies

Analogous

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



5A965B



159A7D



009AA2

Triad

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



159A7D



7C83CA



C07652

Complementary

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



159A7D



9A1532

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.



CC6C70



159A7D



AB75B5

Square

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



159A7D



308FCE



C56C94



A68341

Rectangle

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



159A7D



0099B7



C56C94



C5725B

Sweetspot

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



159A7D



95C9BE



349A15



46665F



E6E6E6



666666

Same Dimension

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



159A7D



00C99E



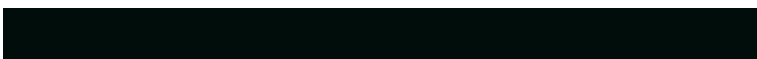
15779A



454D4B



008C6E



000D0A

Inverse Universe

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



9A1532



C9002C



9A3815



4D4547



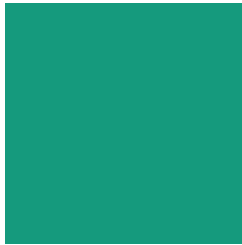
8C001F



0D0003

Previews

White Background



This preview shows how the Hex color 159A7D looks on a white background.

Color Contrast Check

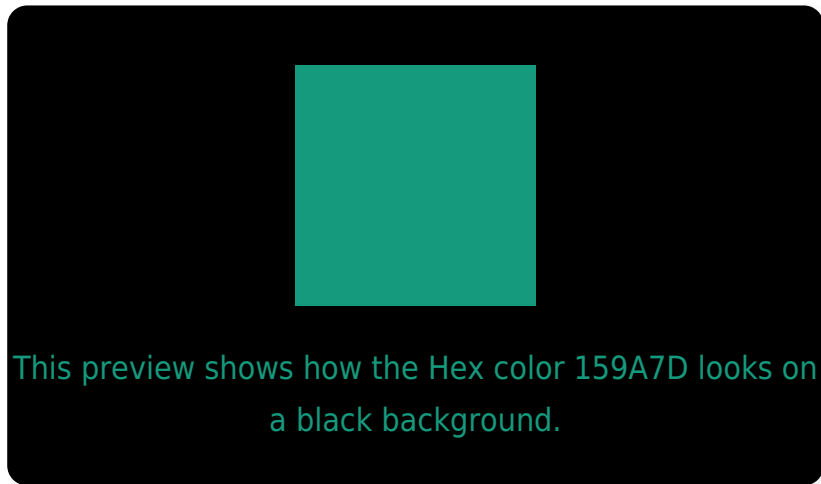
Large Text (above 18pt) WCAG AA ✓ Pass

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

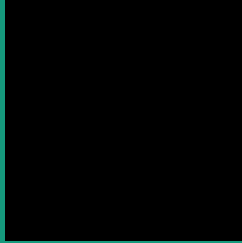
Any Text WCAG AA ✓ Pass

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 159A7D Background



This preview shows how black text looks on a background with the Hex color 159A7D.

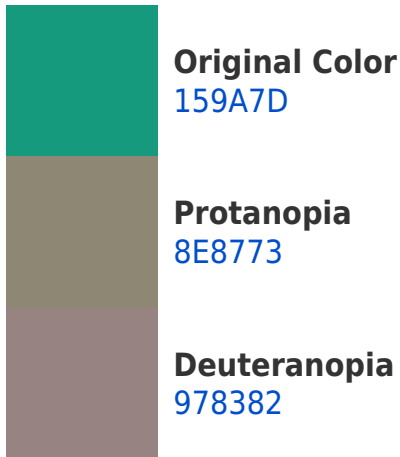


This preview shows how white text looks on a background with the Hex color 159A7D.

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
3195A1

Trichromacy



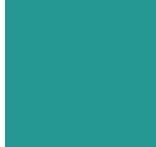
Original Color
159A7D



Protanomaly
628E77



Deuteranomaly
688B80



Tritanomaly
279794

Monochromacy



Original Color
159A7D



Achromatopsia
6F6F6F



Achromatomaly
4E7F74

CSS Examples

Text

The CSS property to change the color of the text to Hex 159A7D 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 #159A7D looks like.

```
.text, #text, p{  
    color:#159A7D  
}
```

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 #159A7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #159A7D
}
```

Border

The CSS property to change the border of an element to Hex 159A7D 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
#159A7D }
```

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

```
.border{ border-color:#159A7D }
```

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

Here you see how a box with a 4 pixel #159A7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #159A7D; -webkit-box-shadow:4px 4px  
4px 4px #159A7D; box-shadow:4px 4px 4px  
4px #159A7D }
```

Background

The CSS property to change the background color of an element to Hex 159A7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#159A7D }
```

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

```
.background{ background-color:#159A7D }
```

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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