

Converting Colors

Hex(157A9B)

Have a look what the booklet for
Hex(157A9B) contains.

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Color

Hex(157A9B)

Conversions

Conversions Part 1

Format	Color
Hex	157A9B
RGB	21, 122, 155
RGB Percent	8%, 48%, 61%
CMY	0.9176, 0.5216, 0.3922
CMYK	0.86, 0.21, 0.00, 0.39
HSL	195°, 76%, 35%
HSV	195°, 86%, 61%
XYZ	13.1852, 16.4451, 33.4896
YIQ	95.5630, -70.7890, -11.1490

Conversions

Conversions Part 2

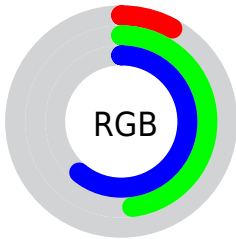
Format	Color
R_{YB}	21, 79, 155
Decimal	1407643
CIE _{Lab}	47.55, -15.10, -25.43
CIE _{LCh}	48, 29.576, 239.294
Yxy	16.4451, 0.2089, 0.2605
Android (android.graphics.Color)	4279597723 (0xFF157A9B)
YUV	95.5630, 29.3024, -65.3918
Hunter-Lab	40.5525, -12.9296, -20.5769

Details

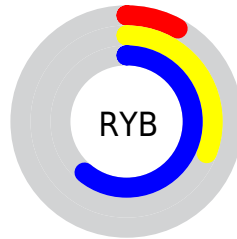
The Hex color **157A9B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9B3615**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5CAED2**, and **004968** is the 20% darker color. If you saturate the color by 10%, you get **06769B**, and if you desaturate by 10%, it is **257E9B**.

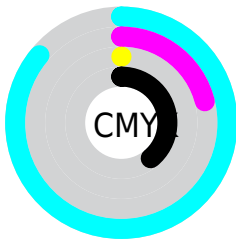
Distribution



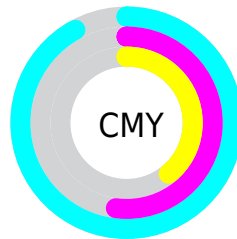
- Red (8%)
- Green (48%)
- Blue (61%)



- Red (8%)
- Yellow (31%)
- Blue (61%)



- Cyan (86%)
- Magenta (21%)
- Yellow (0%)
- Black (39%)



- Cyan (92%)
- Magenta (52%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 157A9B 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 157A9B by changing the saturation by 10% instead.

 157A9B

 157A9B

FFFFFF

 006181

 5CAED2

 004968

 79CAEE

 00334F

 96E6FF

 001E38

 B3FFFF

 000223


 D1FFFF

 00000A

 EFFFFFFF

 000000

 157A9B

 157A9B

 06769B

 257E9B

00759B

34829B

44859B

53899B

638D9B

72919B

82959B

91999B

A19C9B

Harmonies

Analogous

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



007D88



157A9B



4A73A2

Triad

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



157A9B



9F5D72



687744

Complementary

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



157A9B



9B3615

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.



816F3E



157A9B



A05F5A

Square

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



157A9B



8F628B



956647



4A7C57

Rectangle

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



157A9B



666EA0



956647



717441

Sweetspot

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



157A9B



95BDC9



159B34



465E66



E6E6E6



666666

Same Dimension

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



157A9B



0098C9



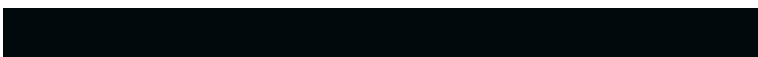
15399B



454B4D



006A8C



000A0D

Inverse Universe

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



9B157A



C90098



9B7715



4D454B



8C006A



0D000A

Previews

White Background



This preview shows how the Hex color 157A9B looks on a white background.

Color Contrast Check

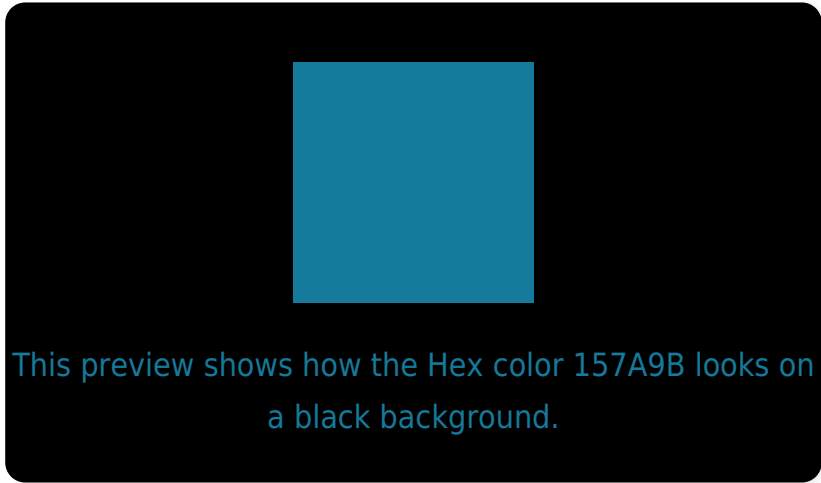
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

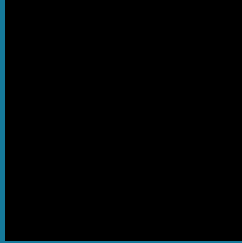
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 157A9B Background



This preview shows how black text looks on a background with the Hex color 157A9B.

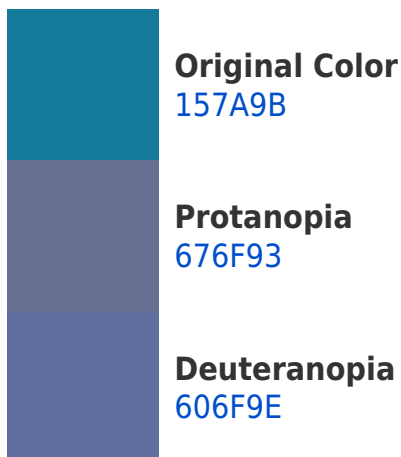


This preview shows how white text looks on a background with the Hex color 157A9B.

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](#).

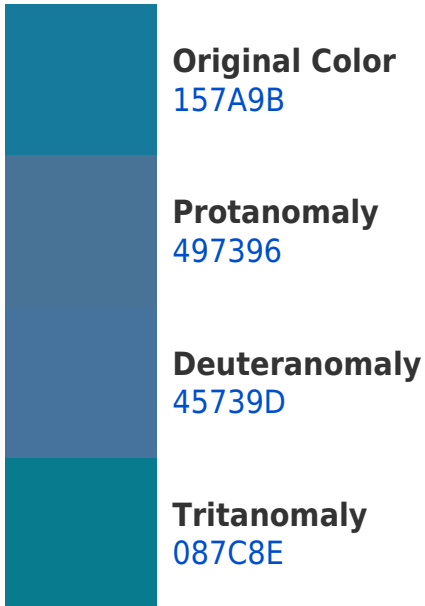
Dichromacy





Tritanopia
007D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 157A9B 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 #157A9B looks like.

```
.text, #text, p{  
    color:#157A9B  
}
```

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 #157A9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #157A9B
}
```

Border

The CSS property to change the border of an element to Hex 157A9B 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
#157A9B }
```

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

```
.border{ border-color:#157A9B }
```

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

Here you see how a box with a 4 pixel #157A9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #157A9B; -webkit-box-shadow:4px 4px  
4px 4px #157A9B; box-shadow:4px 4px 4px  
4px #157A9B }
```

Background

The CSS property to change the background color of an element to Hex 157A9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#157A9B }
```

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

```
.background{ background-color:#157A9B }
```

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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