

Converting Colors

Hex(157A7A)

Have a look what the booklet for
Hex(157A7A) contains.

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Color

Hex(157A7A)

Conversions

Conversions Part 1

Format	Color
Hex	157A7A
RGB	21, 122, 122
RGB Percent	8%, 48%, 48%
CMY	0.9176, 0.5216, 0.5216
CMYK	0.83, 0.00, 0.00, 0.52
HSL	180°, 71%, 28%
HSV	180°, 83%, 48%
XYZ	10.7816, 15.4836, 20.8327
YIQ	91.8010, -60.1960, -21.4120

Conversions

Conversions Part 2

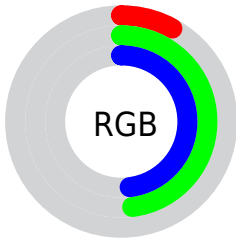
Format	Color
R_{YB}	21, 72, 122
Decimal	1407610
CIE _{Lab}	46.29, -26.45, -7.85
CIE _{LCh}	46, 27.591, 196.530
Yxy	15.4836, 0.2289, 0.3288
Android (android.graphics.Color)	4279597690 (0xFF157A7A)
YUV	91.8010, 14.8881, -62.0925
Hunter-Lab	39.3493, -19.9524, -3.8455

Details

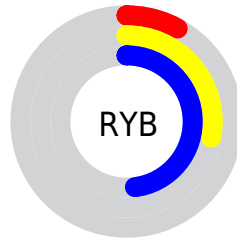
The Hex color **157A7A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A1515**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **57AFAE**, and **004949** is the 20% darker color. If you saturate the color by 10%, you get **097A7A**, and if you desaturate by 10%, it is **217A7A**.

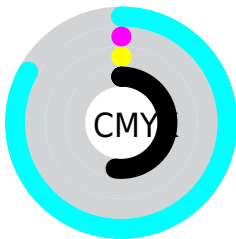
Distribution



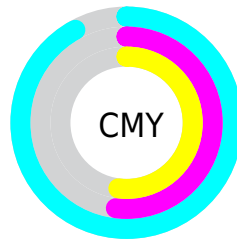
- Red (8%)
- Green (48%)
- Blue (48%)



- Red (8%)
- Yellow (28%)
- Blue (48%)



- Cyan (83%)
- Magenta (0%)
- Yellow (0%)
- Black (52%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 157A7A 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 157A7A by changing the saturation by 10% instead.

■ 157A7A

■ 157A7A

FFFFFF

■ 006161

■ 57AFAE

■ 004949

■ 73CACA

■ 003233

■ 8FE7E6

■ 001F1E

■ ACFFFF

■ 000004

■ C9FFFF

■ 000000

■ E6FFFF

■ 157A7A

■ 157A7A

■ 097A7A

■ 217A7A

■ 007A7A

■ 2D7A7A

■ 3A7A7A

■ 467A7A

■ 527A7A

■ 5E7A7A

■ 6A7A7A

■ 777A7A

■ 837A7A

Harmonies

Analogous

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



387962



157A7A



0E788F

Triad

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



157A7A



80638E



866941

Complementary

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



157A7A



7A1515

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.



95614D



157A7A



945D79

Square

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



157A7A



616C9A



9B5C62



707041

Rectangle

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



157A7A



2B7598



9B5C62



8C6644

Sweetspot

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



157A7A



779E9E



157A15



374F4F



CFCFCF



4F4F4F

Same Dimension

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



157A7A



029E9E



15487A



373D3D



007D7D



00FCFC

Inverse Universe

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



7A157A



9E029E



7A4815



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 157A7A looks on a white background.

Color Contrast Check

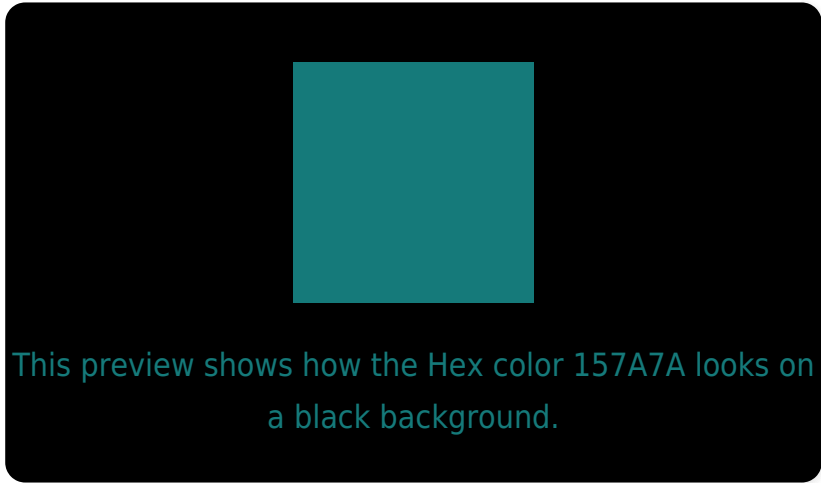
Large Text (above 18pt) WCAG AA ✓ Pass

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

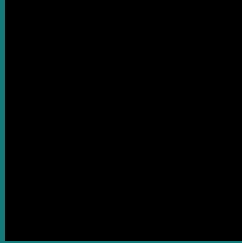
Any Text WCAG AA × Fail

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 157A7A Background



This preview shows how black text looks on a background with the Hex color 157A7A.



This preview shows how white text looks on a background with the Hex color 157A7A.

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
1E7983

Trichromacy



Original Color
157A7A

Protanomaly
4E7175

Deuteranomaly
4F707C

Tritanomaly
1B7980

Monochromacy



Original Color
157A7A

Achromatopsia
5C5C5C

Achromatomaly
426767

CSS Examples

Text

The CSS property to change the color of the text to Hex 157A7A 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 #157A7A looks like.

```
.text, #text, p{  
    color:#157A7A  
}
```

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 #157A7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #157A7A
}
```

Border

The CSS property to change the border of an element to Hex 157A7A 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
#157A7A }
```

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

```
.border{ border-color:#157A7A }
```

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

Here you see how a box with a 4 pixel #157A7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #157A7A; -webkit-box-shadow:4px 4px  
4px 4px #157A7A; box-shadow:4px 4px 4px  
4px #157A7A }
```

Background

The CSS property to change the background color of an element to Hex 157A7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#157A7A }
```

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

```
.background{ background-color:#157A7A }
```

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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