

Converting Colors

Hex(157B80)

Have a look what the booklet for
Hex(157B80) contains.

Hex(157B80)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(157B80)

Conversions

Conversions Part 1

Format	Color
Hex	157B80
RGB	21, 123, 128
RGB Percent	8%, 48%, 50%
CMY	0.9176, 0.5176, 0.4980
CMYK	0.84, 0.04, 0.00, 0.50
HSL	183°, 72%, 29%
HSV	183°, 84%, 50%
XYZ	11.2885, 15.8839, 22.8930
YIQ	93.0720, -62.3970, -20.0690

Conversions

Conversions Part 2

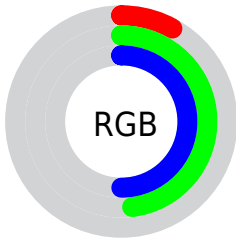
Format	Color
R _Y B	21, 73, 128
Decimal	1407872
CIE Lab	46.82, -25.01, -10.61
CIE LCh	47, 27.168, 202.994
Yxy	15.8839, 0.2255, 0.3173
Android (android.graphics.Color)	4279597952 (0xFF157B80)
YUV	93.0720, 17.2195, -63.2071
Hunter-Lab	39.8546, -19.1867, -6.1588

Details

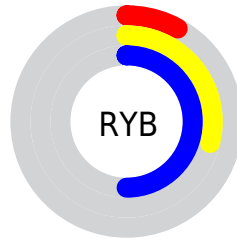
The Hex color **157B80** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **801A15**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **58B0B5**, and **004A4F** is the 20% darker color. If you saturate the color by 10%, you get **087A80**, and if you desaturate by 10%, it is **227C80**.

Distribution



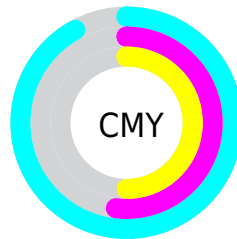
- Red (8%)
- Green (48%)
- Blue (50%)



- Red (8%)
- Yellow (29%)
- Blue (50%)



- Cyan (84%)
- Magenta (4%)
- Yellow (0%)
- Black (50%)



- Cyan (92%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 157B80 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 157B80 by changing the saturation by 10% instead.

 157B80

 157B80

FFFFFF


 006267

 58B0B5

 004A4F

 74CBD0

 003338

 91E8ED

 001F23

 ADFFFF

 00000C

 CAFFFF

 000000

 E7FFFF

 157B80

 157B80

 087A80

 227C80

■ 007A80

■ 2F7C80

■ 3B7D80

■ 487D80

■ 557E80

■ 627F80

■ 6F7F80

■ 7B8080

■ 888080

Harmonies

Analogous

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



347B69



157B80



1D7893

Triad

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



157B80



87638B



836C42

Complementary

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



157B80



801A15

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.



94644B



157B80



985E75

Square

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



157B80



6A6B99



9C5E5E



6C7344

Rectangle

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



157B80



38759A



9C5E5E



896944

Sweetspot

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



157B80



7CA4A6



158019



3B5354



D4D4D4



545454

Same Dimension

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



157B80



009EA6



154780



393F40



007A80



000000

Inverse Universe

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



80157B



A6009E



804E15



40393F



80007A



000000

Previews

White Background



This preview shows how the Hex color 157B80 looks on a white background.

Color Contrast Check

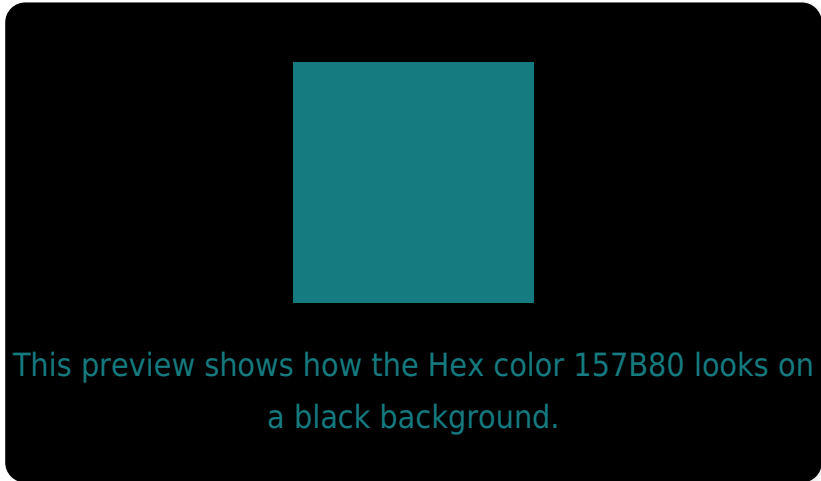
Large Text (above 18pt) WCAG AA ✓ Pass

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

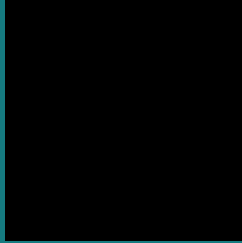
Any Text WCAG AA × Fail

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 157B80 Background



This preview shows how black text looks on a background with the Hex color 157B80.

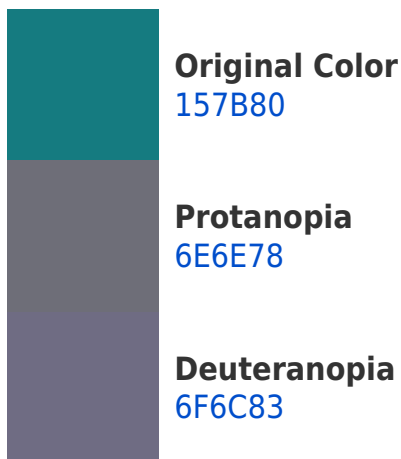



This preview shows how white text looks on a background with the Hex color 157B80.

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](#).

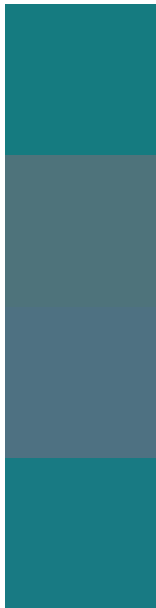
Dichromacy





Tritanopia
1A7A84

Trichromacy



Original Color
157B80

Protanomaly
4E737B

Deuteranomaly
4E7182

Tritanomaly
187A83

Monochromacy



Original Color
157B80

Achromatopsia
5D5D5D

Achromatomaly
43686A

CSS Examples

Text

The CSS property to change the color of the text to Hex 157B80 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 #157B80 looks like.

```
.text, #text, p{  
    color:#157B80  
}
```

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 #157B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #157B80
}
```

Border

The CSS property to change the border of an element to Hex 157B80 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
#157B80 }
```

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

```
.border{ border-color:#157B80 }
```

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

Here you see how a box with a 4 pixel #157B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #157B80; -webkit-box-shadow:4px 4px  
4px 4px #157B80; box-shadow:4px 4px 4px  
4px #157B80 }
```

Background

The CSS property to change the background color of an element to Hex 157B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#157B80 }
```

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

```
.background{ background-color:#157B80 }
```

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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