

Converting Colors

Hex(157980)

Have a look what the booklet for
Hex(157980) contains.

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Color

Hex(157980)

Conversions

Conversions Part 1

Format	Color
Hex	157980
RGB	21, 121, 128
RGB Percent	8%, 47%, 50%
CMY	0.9176, 0.5255, 0.4980
CMYK	0.84, 0.05, 0.00, 0.50
HSL	184°, 72%, 29%
HSV	184°, 84%, 50%
XYZ	11.0429, 15.3927, 22.8111
YIQ	91.8980, -61.8470, -19.0230

Conversions

Conversions Part 2

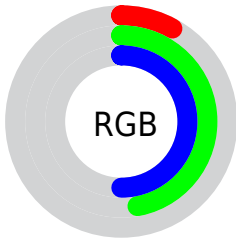
Format	Color
RYB	21, 73, 128
Decimal	1407360
CIELab	46.17, -23.98, -11.60
CIELCh	46, 26.642, 205.809
Yxy	15.3927, 0.2242, 0.3126
Android (android.graphics.Color)	4279597440 (0xFF157980)
YUV	91.8980, 17.7983, -62.1775
Hunter-Lab	39.2335, -18.4169, -7.0089

Details

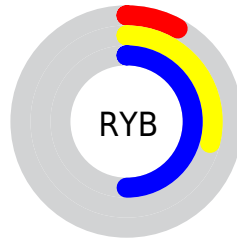
The Hex color **157980** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **801C15**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **57AEB5**, and **00484F** is the 20% darker color. If you saturate the color by 10%, you get **087880**, and if you desaturate by 10%, it is **227A80**.

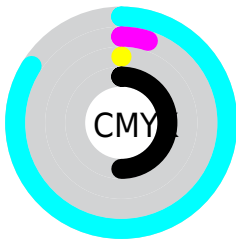
Distribution



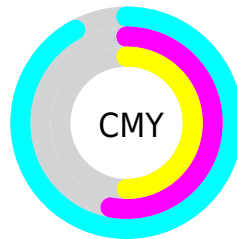
- Red (8%)
- Green (47%)
- Blue (50%)



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



- Cyan (84%)
- Magenta (5%)
- Yellow (0%)
- Black (50%)




- Cyan (92%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 157980 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 157980 by changing the saturation by 10% instead.

 157980

 157980

FFFFFF

 006067

 57AEB5

 00484F

 74C9D0

 003138

 90E5ED

 001E23


 ADFFFF

 00000C

 CAFFFF

 000000

 E7FFFF

 157980

 157980

 087880

 227A80

■ 007880

■ 2F7B80

■ 3B7C80

■ 487C80

■ 557D80

■ 627E80

■ 6F7F80

■ 7B8080

■ 888180

Harmonies

Analogous

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



317969



157980



227692

Triad

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



157980



876187



7F6B41

Complementary

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



157980



801C15

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.



906349



157980



965C71

Square

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



157980



6C6995



995D5B



687244

Rectangle

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



157980



3B7398



995D5B



866842

Sweetspot

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



157980



7CA3A6



15801A



3B5254



D4D4D4



545454

Same Dimension

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



157980



009BA6



154580



393F40



007780



000000

Inverse Universe

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



801579



A6009B



805015



40393F



800077



000000

Previews

White Background



This preview shows how the Hex color 157980 looks on a white background.

Color Contrast Check

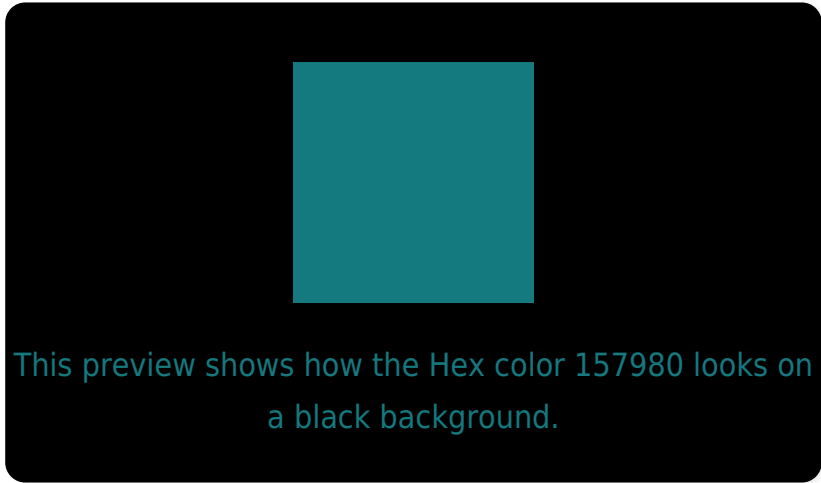
Large Text (above 18pt) WCAG AA ✓ Pass

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

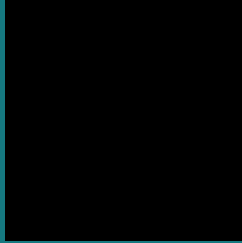
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

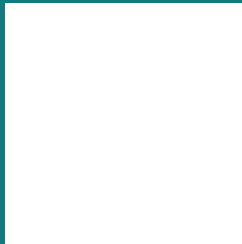
Any Text WCAG AAA × Fail

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

Hex 157980 Background



This preview shows how black text looks on a background with the Hex color 157980.

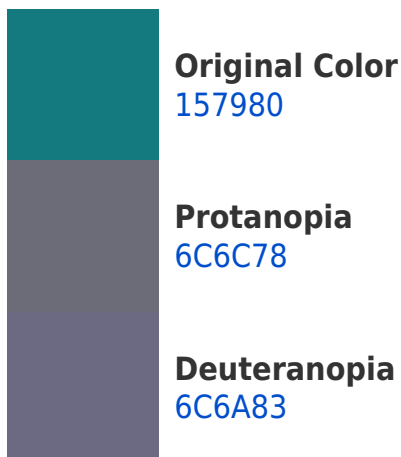


This preview shows how white text looks on a background with the Hex color 157980.

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
187982

Trichromacy



Original Color
157980

Protanomaly
4C717B

Deuteranomaly
4C6F82

Tritanomaly
177981

Monochromacy



Original Color
157980

Achromatopsia
5C5C5C

Achromatomaly
426769

CSS Examples

Text

The CSS property to change the color of the text to Hex 157980 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 #157980 looks like.

```
.text, #text, p{  
    color:#157980  
}
```

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 #157980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #157980
}
```

Border

The CSS property to change the border of an element to Hex 157980 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
#157980 }
```

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

```
.border{ border-color:#157980 }
```

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

Here you see how a box with a 4 pixel #157980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #157980; -webkit-box-shadow:4px 4px  
4px 4px #157980; box-shadow:4px 4px 4px  
4px #157980 }
```

Background

The CSS property to change the background color of an element to Hex 157980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#157980 }
```

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

```
.background{ background-color:#157980 }
```

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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