

Converting Colors

Hex(157C6C)

Have a look what the booklet for
Hex(157C6C) contains.

Hex(157C6C)	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(157C6C)

Conversions

Conversions Part 1

Format	Color
Hex	157C6C
RGB	21, 124, 108
RGB Percent	8%, 49%, 42%
CMY	0.9176, 0.5137, 0.5765
CMYK	0.83, 0.00, 0.13, 0.51
HSL	171°, 71%, 28%
HSV	171°, 83%, 49%
XYZ	10.2237, 15.6574, 16.6707
YIQ	91.3790, -56.2520, -26.8120

Conversions

Conversions Part 2

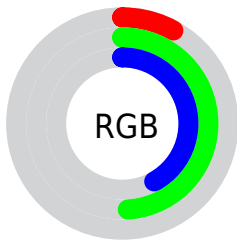
Format	Color
RYB	21, 77, 124
Decimal	1408108
CIELab	46.52, -31.70, 0.80
CIElCh	47, 31.711, 178.551
Yxy	15.6574, 0.2403, 0.3680
Android (android.graphics.Color)	4279598188 (0xFF157C6C)
YUV	91.3790, 8.1942, -61.7224
Hunter-Lab	39.5695, -23.1270, 2.7196

Details

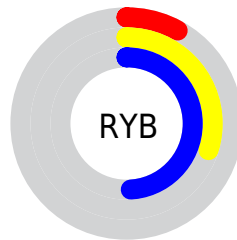
The Hex color **157C6C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C1525**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **56B19F**, and **004A3D** is the 20% darker color. If you saturate the color by 10%, you get **097C6A**, and if you desaturate by 10%, it is **217C6E**.

Distribution



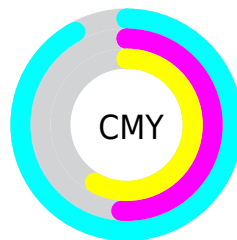
- Red (8%)
- Green (49%)
- Blue (42%)



- Red (8%)
- Yellow (30%)
- Blue (49%)



- Cyan (83%)
- Magenta (0%)
- Yellow (13%)
- Black (51%)




- Cyan (92%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 157C6C 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 157C6C by changing the saturation by 10% instead.

 157C6C

 157C6C

FFFFFF

 006354

 56B19F

 004A3D

 72CDBA

 003327

 8EE9D6

 001F12


 AAFF2

 000000


 C7FFF

 E4FFF

 157C6C

 157C6C

 097C6A

 217C6E

■ 007C69

■ 2E7C70

■ 3A7C72

■ 477C74

■ 537C76

■ 5F7C78

■ 6C7C79

■ 787C7B

■ 857C7D

Harmonies

Analogous

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



457A52



157C6C



007C87

Triad

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



157C6C



6F689D



956342

Complementary

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



157C6C



7C1525

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.



A05B56



157C6C



8E5E8A

Square

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



157C6C



4171A3



9F5971



806C38

Rectangle

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



157C6C



007A95



9F5971



9A6047

Sweetspot

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



157C6C



78A19A



267C15



39524E



D1D1D1



525252

Same Dimension

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



157C6C



00A188



155A7C



373D3C



007D6A



00FCD5

Inverse Universe

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



7C1525



A10019



7C3715



3D3738



7D0013



FC0027

Previews

White Background



This preview shows how the Hex color 157C6C looks on a white background.

Color Contrast Check

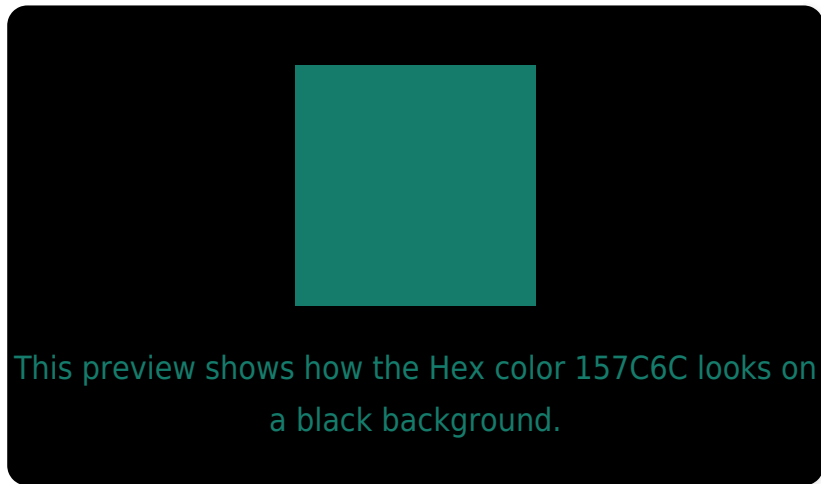
Large Text (above 18pt) WCAG AA ✓ Pass

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

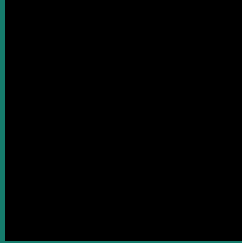
Any Text WCAG AA × Fail

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 157C6C Background



This preview shows how black text looks on a background with the Hex color 157C6C.

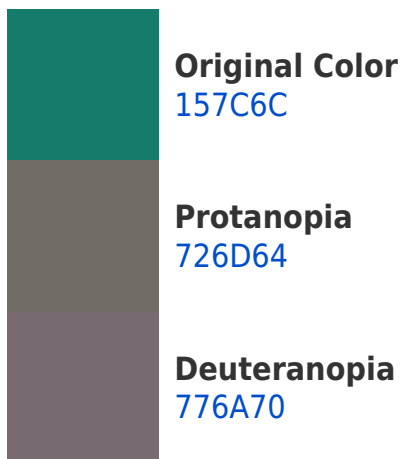


This preview shows how white text looks on a background with the Hex color 157C6C.

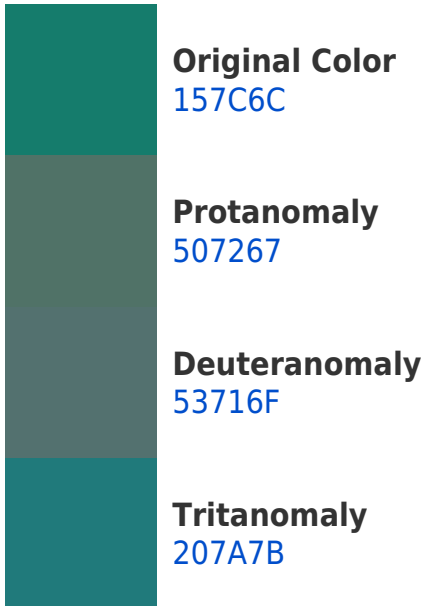
Color Blindness Simulation

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](#).

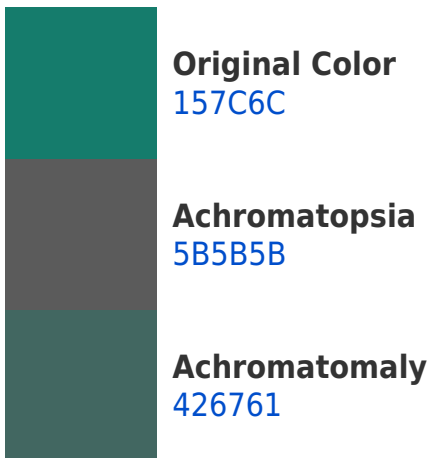
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 157C6C 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 #157C6C looks like.

```
.text, #text, p{  
    color:#157C6C  
}
```

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 #157C6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #157C6C
}
```

Border

The CSS property to change the border of an element to Hex 157C6C 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
#157C6C }
```

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

```
.border{ border-color:#157C6C }
```

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

Here you see how a box with a 4 pixel #157C6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #157C6C; -webkit-box-shadow:4px 4px  
4px 4px #157C6C; box-shadow:4px 4px 4px  
4px #157C6C }
```

Background

The CSS property to change the background color of an element to Hex 157C6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#157C6C }
```

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

```
.background{ background-color:#157C6C }
```

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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