

Converting Colors

Hex(157D70)

Have a look what the booklet for
Hex(157D70) contains.

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Color

Hex(157D70)

Conversions

Conversions Part 1

Format	Color
Hex	157D70
RGB	21, 125, 112
RGB Percent	8%, 49%, 44%
CMY	0.9176, 0.5098, 0.5608
CMYK	0.83, 0.00, 0.10, 0.51
HSL	172°, 71%, 29%
HSV	172°, 83%, 49%
XYZ	10.5675, 15.9965, 17.8599
YIQ	92.4220, -57.8110, -26.0910

Conversions

Conversions Part 2

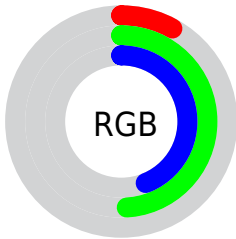
Format	Color
RYB	21, 76, 125
Decimal	1408368
CIELab	46.97, -31.00, -0.91
CIELCh	47, 31.009, 181.685
Yxy	15.9965, 0.2379, 0.3601
Android (android.graphics.Color)	4279598448 (0xFF157D70)
YUV	92.4220, 9.6520, -62.6371
Hunter-Lab	39.9956, -22.8297, 1.5212

Details

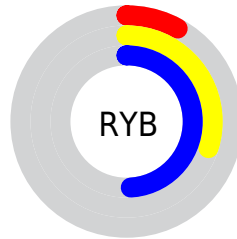
The Hex color **157D70** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D1522**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **56B2A4**, and **004B40** is the 20% darker color. If you saturate the color by 10%, you get **087D6E**, and if you desaturate by 10%, it is **227D72**.

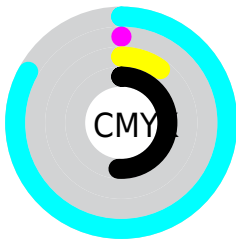
Distribution



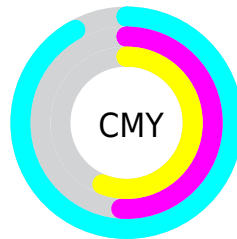
- Red (8%)
- Green (49%)
- Blue (44%)



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



- Cyan (83%)
- Magenta (0%)
- Yellow (10%)
- Black (51%)





- Cyan (92%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 157D70 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 157D70 by changing the saturation by 10% instead.

 157D70

 157D70

FFFFFF

 006458

 56B2A4

 004B40

 72CEBF

 00342A

 8FEADA


 002116

 ABFFF7

 000000

 C8FFFF

 E5FFFF

 157D70

 157D70

 087D6E

 227D72

■ 007D6D

■ 2E7D73

■ 3B7D75

■ 477D76

■ 537D78

■ 607D79

■ 6D7D7B

■ 797D7D

■ 867D7E

Harmonies

Analogous

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



437B56



157D70



007C8A

Triad

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



157D70



74689C



946542

Complementary

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



157D70



7D1522

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.



A05D55



157D70



915F89

Square

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



157D70



4971A3



A05A6F



7E6E3A

Rectangle

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



157D70



007A98



A05A6F



996247

Sweetspot

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



157D70



7AA39E



237D15



39524F



D1D1D1



525252

Same Dimension

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



157D70



00A38F



15577D



39403F



008070



000000

Inverse Universe

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



7D1522



A30014



7D3B15



40393A



800010



000000

Previews

White Background



This preview shows how the Hex color 157D70 looks on a white background.

Color Contrast Check

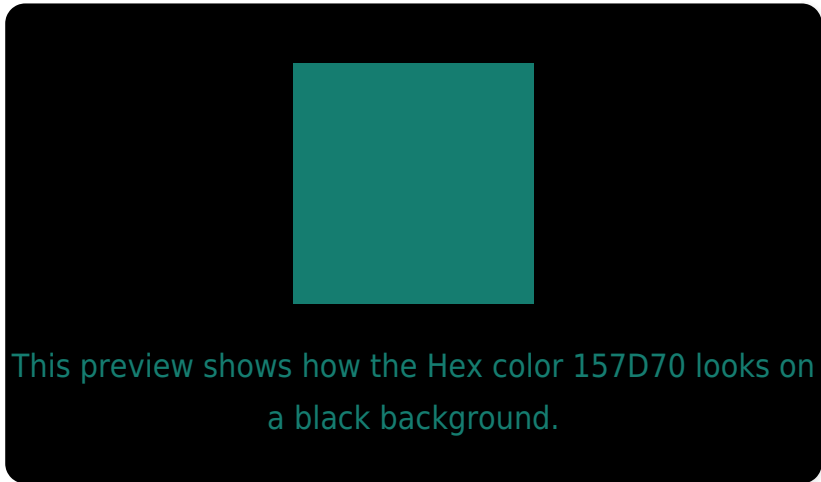
Large Text (above 18pt) WCAG AA ✓ Pass

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

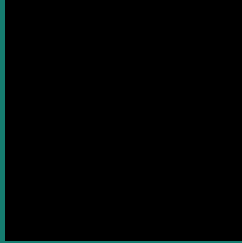
Any Text WCAG AA × Fail

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 157D70 Background



This preview shows how black text looks on a background with the Hex color 157D70.

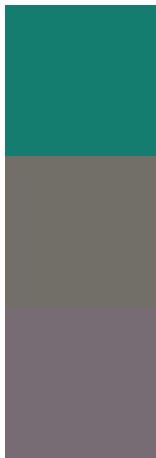


This preview shows how white text looks on a background with the Hex color 157D70.

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



Original Color
157D70

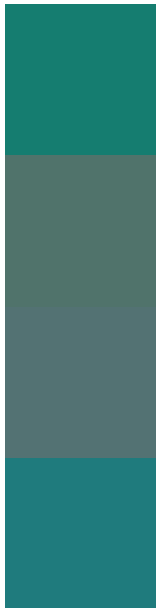
Protanopia
726E68

Deuteranopia
776B74



Tritanopia
257A84

Trichromacy



Original Color
157D70

Protanomaly
50736B

Deuteranomaly
537273

Tritanomaly
1F7B7D

Monochromacy



Original Color
157D70

Achromatopsia
5C5C5C

Achromatomaly
426863

CSS Examples

Text

The CSS property to change the color of the text to Hex 157D70 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 #157D70 looks like.

```
.text, #text, p{  
    color:#157D70  
}
```

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 #157D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #157D70
}
```

Border

The CSS property to change the border of an element to Hex 157D70 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
#157D70 }
```

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

```
.border{ border-color:#157D70 }
```

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

Here you see how a box with a 4 pixel #157D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #157D70; -webkit-box-shadow:4px 4px  
4px 4px #157D70; box-shadow:4px 4px 4px  
4px #157D70 }
```

Background

The CSS property to change the background color of an element to Hex 157D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#157D70 }
```

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

```
.background{ background-color:#157D70 }
```

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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