

Converting Colors

Hex(197B71)

Have a look what the booklet for
Hex(197B71) contains.

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Color

Hex(197B71)

Conversions

Conversions Part 1

Format	Color
Hex	197B71
RGB	25, 123, 113
RGB Percent	10%, 48%, 44%
CMY	0.9020, 0.5176, 0.5569
CMYK	0.80, 0.00, 0.08, 0.52
HSL	174°, 66%, 29%
HSV	174°, 80%, 48%
XYZ	10.4645, 15.5648, 18.0756
YIQ	92.5580, -55.1980, -23.8860

Conversions

Conversions Part 2

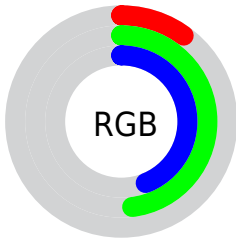
Format	Color
RYB	25, 77, 123
Decimal	1670001
CIELab	46.40, -29.32, -2.34
CIELCh	46, 29.409, 184.556
Yxy	15.5648, 0.2373, 0.3529
Android (android.graphics.Color)	4279860081 (0xFF197B71)
YUV	92.5580, 10.0779, -59.2484
Hunter-Lab	39.4523, -21.6954, 0.4522

Details

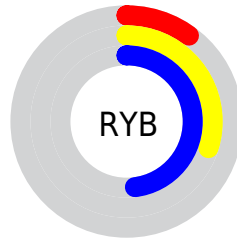
The Hex color **197B71** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7B1923**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **58B0A5**, and **004941** is the 20% darker color. If you saturate the color by 10%, you get **0D7B70**, and if you desaturate by 10%, it is **257B72**.

Distribution



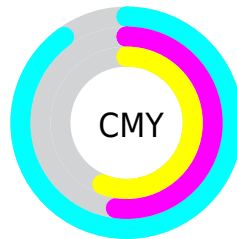
- Red (10%)
- Green (48%)
- Blue (44%)



- Red (10%)
- Yellow (30%)
- Blue (48%)



- Cyan (80%)
- Magenta (0%)
- Yellow (8%)
- Black (52%)



- Cyan (90%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 197B71 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 197B71 by changing the saturation by 10% instead.

 197B71

 197B71

FFFFFF

 006259

 58B0A5

 004941

 74CCC0

 00322B

 90E8DC

 001F17

 ACFFF8

 000000

 C9FFFF

 E6FFFF

 197B71

 197B71

 0D7B70

 257B72

■ 007B6E

■ 327B74

■ 3E7B75

■ 4A7B76

■ 577B77

■ 637B79

■ 6F7B7A

■ 7B7B7B

■ 887B7C

Harmonies

Analogous

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



417958



197B71



007A89

Triad

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



197B71



766697



8F6542

Complementary

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



197B71



7B1923

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.



9C5D53



197B71



905E84

Square

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



197B71



4F6F9F



9D5A6B



7A6E3C

Rectangle

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



197B71



007895



9D5A6B



946247

Sweetspot

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



197B71



7AA19D



247B19



3A524F



D1D1D1



525252

Same Dimension

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



197B71



06A191



19557B



373D3D



007D70



00FCE3

Inverse Universe

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



7B1923



A10616



7B3F19



3D3738



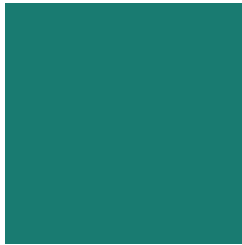
7D000D



FC001A

Previews

White Background



This preview shows how the Hex color 197B71 looks on a white background.

Color Contrast Check

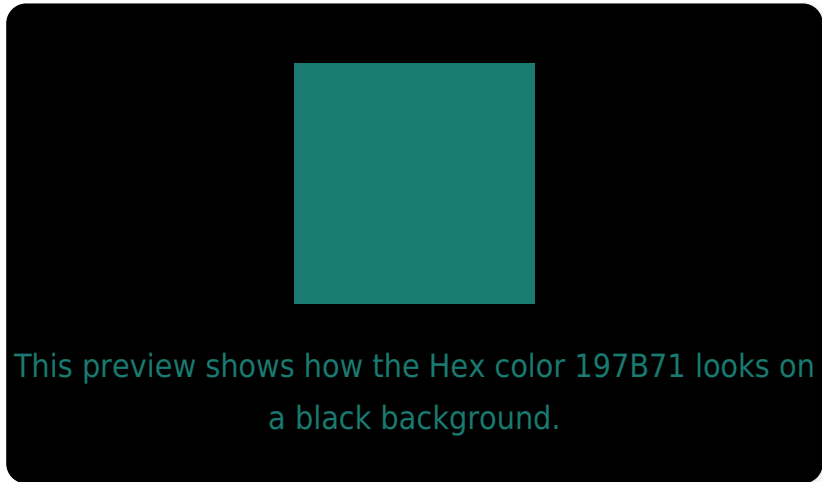
Large Text (above 18pt) WCAG AA ✓ Pass

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

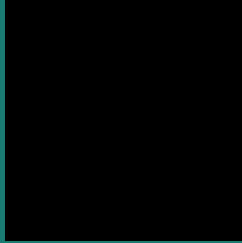
Any Text WCAG AA × Fail

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 197B71 Background



This preview shows how black text looks on a background with the Hex color 197B71.

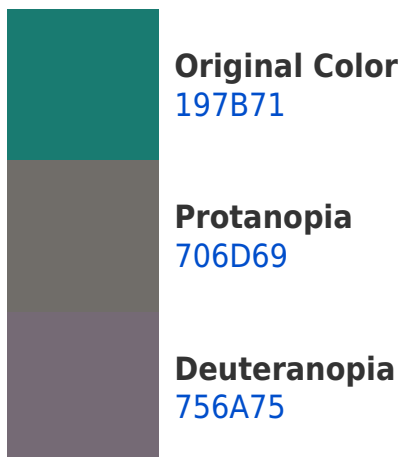


This preview shows how white text looks on a background with the Hex color 197B71.

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



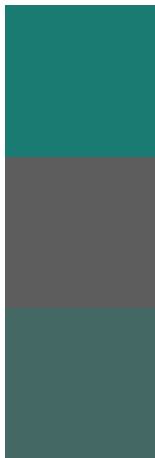
Original Color
197B71

Protanomaly
50726C

Deuteranomaly
547074

Tritanomaly
21797C

Monochromacy



Original Color
197B71

Achromatopsia
5D5D5D

Achromatomaly
446864

CSS Examples

Text

The CSS property to change the color of the text to Hex 197B71 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 #197B71 looks like.

```
.text, #text, p{  
    color:#197B71  
}
```

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 #197B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #197B71
}
```

Border

The CSS property to change the border of an element to Hex 197B71 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
#197B71 }
```

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

```
.border{ border-color:#197B71 }
```

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

Here you see how a box with a 4 pixel #197B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #197B71; -webkit-box-shadow:4px 4px  
4px 4px #197B71; box-shadow:4px 4px 4px  
4px #197B71 }
```

Background

The CSS property to change the background color of an element to Hex 197B71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#197B71 }
```

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

```
.background{ background-color:#197B71 }
```

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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