

# Converting Colors

Hex(197C81)

Have a look what the booklet for  
Hex(197C81) contains.

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# Color

Hex(197C81)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	197C81
RGB	25, 124, 129
RGB Percent	10%, 49%, 51%
CMY	0.9020, 0.5137, 0.4941
CMYK	0.81, 0.04, 0.00, 0.49
HSL	183°, 68%, 30%
HSV	183°, 81%, 51%
XYZ	11.5710, 16.2070, 23.2873
YIQ	94.9690, -60.6090, -19.4330

# Conversions

## Conversions Part 2

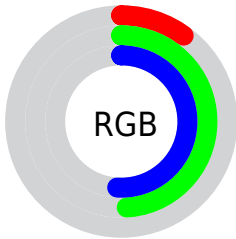
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 76, 129
Decimal	1670273
CIE <sub>Lab</sub>	47.24, -24.80, -10.56
CIE <sub>LCh</sub>	47, 26.955, 203.069
Yxy	16.2070, 0.2266, 0.3174
Android (android.graphics.Color)	4279860353 (0xFF197C81)
YUV	94.9690, 16.7773, -61.3628
Hunter-Lab	40.2579, -19.1464, -6.1160

# Details

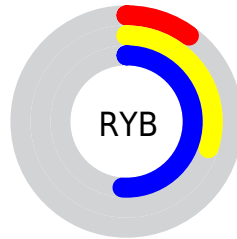
The Hex color **197C81** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **811E19**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5AB1B6**, and **004B50** is the 20% darker color. If you saturate the color by 10%, you get **0C7B81**, and if you desaturate by 10%, it is **267D81**.

# Distribution



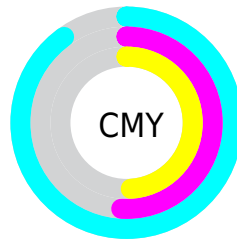
- Red (10%)
- Green (49%)
- Blue (51%)



- Red (10%)
- Yellow (30%)
- Blue (51%)



- Cyan (81%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (90%)
- Magenta (51%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 197C81 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 197C81 by changing the saturation by 10% instead.



 197C81

 197C81

FFFFFF

 006368

 5AB1B6

 004B50

 76CDD1

 003339

 93E9EE

 002023

 AFFFFFF

 00010E

 CCFFFF

 000000

 E9FFFF

 197C81

 197C81

 0C7B81

 267D81

■ 007B81

■ 337D81

■ 407E81

■ 4D7E81

■ 5A7F81

■ 668081

■ 738081

■ 808181

■ 8D8281

# Harmonies

## Analogous

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



367C6A



197C81



217994

# Triad

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



197C81



88648C



846D43

# Complementary

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



197C81



811E19

# 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.



95654D



197C81



985F76

# Square

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



197C81



6B6C9A



9C5F5F



6D7446

# Rectangle

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



197C81



3A769B



9C5F5F



8A6A45



# Sweetspot

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



197C81



80A6A8



19811C



3C5354



D4D4D4



545454



# Same Dimension

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



197C81



05A0A8



194A81



393F40



007980



000000



# Inverse Universe

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



81197C



A805A0



815019



40393F



800079



000000



# Previews

## White Background



This preview shows how the Hex color 197C81 looks on a white background.

## Color Contrast Check

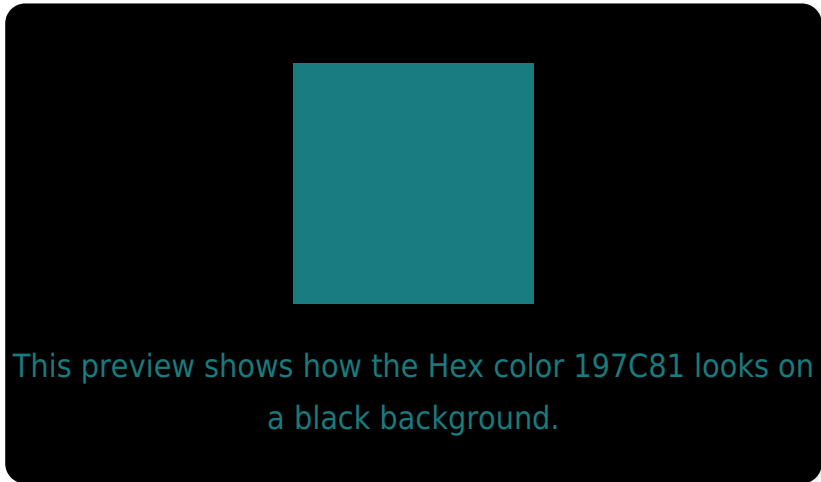
Large Text (above 18pt) WCAG AA ✓ Pass

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

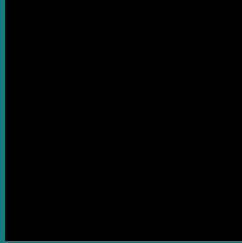
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 197C81 Background



This preview shows how black text looks on a background with the Hex color 197C81.



This preview shows how white text looks on a background with the Hex color 197C81.

# 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**  
197C81

**Protanopia**  
6F6F79

**Deuteranopia**  
706D84



**Tritanopia**  
1D7B85

# Trichromacy



**Original Color**  
197C81

**Protanomaly**  
50747C

**Deuteranomaly**  
507283

**Tritanomaly**  
1C7B84

# Monochromacy



**Original Color**  
197C81

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
466A6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 197C81 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 #197C81 looks like.

```
.text, #text, p{  
    color:#197C81  
}
```

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 #197C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #197C81
}
```

## Border

The CSS property to change the border of an element to Hex 197C81 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
#197C81 }
```

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

```
.border{ border-color:#197C81 }
```

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

Here you see how a box with a 4 pixel #197C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #197C81; -webkit-box-shadow:4px 4px  
4px 4px #197C81; box-shadow:4px 4px 4px  
4px #197C81 }
```

# Background

The CSS property to change the background color of an element to Hex 197C81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#197C81 }
```

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

```
.background{ background-color:#197C81 }
```

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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