

# Converting Colors

Hex(197670)

Have a look what the booklet for  
Hex(197670) contains.

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# Color

**Hex(197670)**

# Conversions

## Conversions Part 1

Format	Color
Hex	197670
RGB	25, 118, 112
RGB Percent	10%, 46%, 44%
CMY	0.9020, 0.5373, 0.5608
CMYK	0.79, 0.00, 0.05, 0.54
HSL	176°, 65%, 28%
HSV	176°, 79%, 46%
XYZ	9.8040, 14.3334, 17.5791
YIQ	89.5090, -53.5020, -21.5820

# Conversions

## Conversions Part 2

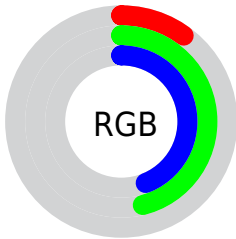
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 73, 118
Decimal	1668720
CIELab	44.71, -27.18, -4.24
CIELCh	45, 27.507, 188.858
Yxy	14.3334, 0.2350, 0.3436
Android (android.graphics.Color)	4279858800 (0xFF197670)
YUV	89.5090, 11.0881, -56.5744
Hunter-Lab	37.8595, -20.0303, -1.0283

# Details

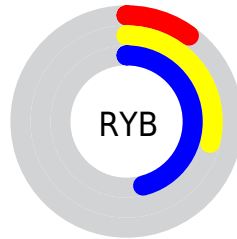
The Hex color **197670** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **76191F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **57ABA4**, and **004540** is the 20% darker color. If you saturate the color by 10%, you get **0D766F**, and if you desaturate by 10%, it is **257671**.

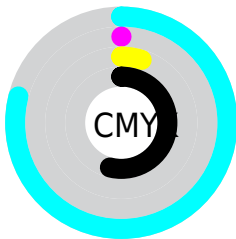
# Distribution



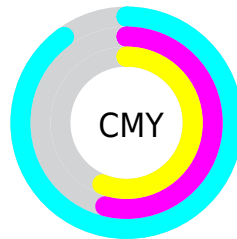
- Red (10%)
- Green (46%)
- Blue (44%)



- Red (10%)
- Yellow (29%)
- Blue (46%)



- Cyan (79%)
- Magenta (0%)
- Yellow (5%)
- Black (54%)



- Cyan (90%)
- Magenta (54%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 197670 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 197670 by changing the saturation by 10% instead.



 197670

 197670

FFFFFF

 005D58

 57ABA4

 004540

 73C6BF

 002E2A

 8EE2DA

 001A16

 ABFFF7

 000000

 C7FFFF

 E4FFFF

 197670

 197670

 0D766F

 257671

■ 01766E

■ 317672

■ 00766E

■ 3C7672

■ 487673

■ 547674

■ 607675

■ 6C7675

■ 777676

■ 837677

# Harmonies

## Analogous

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



3C7558



197670



007586

# Triad

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



197670



75618D



86633F

# Complementary

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



197670



76191F

# 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.



935B4E



197670



8C5A7B

# Square

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



197670



536A97



965864



726B3C

# Rectangle

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



197670



197290



965864



8C6043



# Sweetspot

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



197670



749997



1F7619



364D4B



CCCCCC



4D4D4D



# Same Dimension

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



197670



089990



194E76



353B3A



007A73



00FAEA



# Inverse Universe

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



76191F



990811



764119



3B3535



7A0008

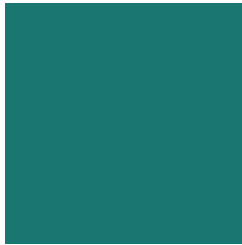


FA0010



# Previews

## White Background



This preview shows how the Hex color 197670 looks on a white background.

## Color Contrast Check

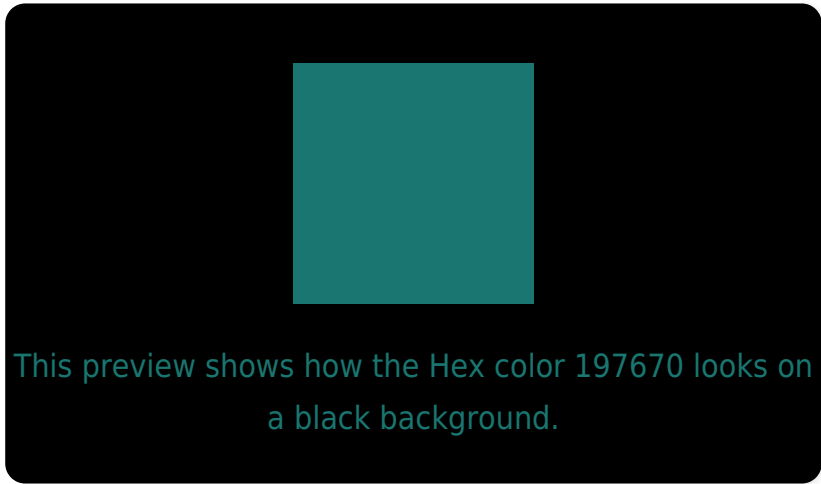
Large Text (above 18pt) WCAG AA ✓ Pass

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

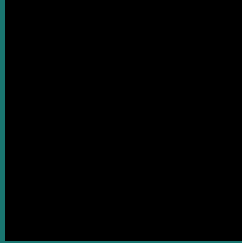
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 197670 Background



This preview shows how black text looks on a background with the Hex color 197670.



This preview shows how white text looks on a background with the Hex color 197670.

# 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**  
23747D

# Trichromacy



**Original Color**  
197670

**Protanomaly**  
4D6E6B

**Deuteranomaly**  
506C72

**Tritanomaly**  
1F7578

# Monochromacy



**Original Color**  
197670

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
426462

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 197670 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 #197670 looks like.

```
.text, #text, p{  
    color:#197670  
}
```

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 #197670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #197670
}
```

## Border

The CSS property to change the border of an element to Hex 197670 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
#197670 }
```

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

```
.border{ border-color:#197670 }
```

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

Here you see how a box with a 4 pixel #197670 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #197670; -webkit-box-shadow:4px 4px  
4px 4px #197670; box-shadow:4px 4px 4px  
4px #197670 }
```

# Background

The CSS property to change the background color of an element to Hex 197670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#197670 }
```

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

```
.background{ background-color:#197670 }
```

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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