

# Converting Colors

Hex(117873)

Have a look what the booklet for  
Hex(117873) contains.

<b>Hex(117873)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(117873)

# Conversions

## Conversions Part 1

Format	Color
Hex	117873
RGB	17, 120, 115
RGB Percent	7%, 47%, 45%
CMY	0.9333, 0.5294, 0.5490
CMYK	0.86, 0.00, 0.04, 0.53
HSL	177°, 75%, 27%
HSV	177°, 86%, 47%
XYZ	10.0421, 14.7899, 18.5451
YIQ	88.6330, -59.7830, -23.3910

# Conversions

## Conversions Part 2

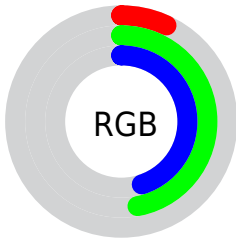
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 70, 120
Decimal	1144947
CIELab	45.35, -28.04, -5.10
CIElCh	45, 28.504, 190.298
Yxy	14.7899, 0.2315, 0.3410
Android (android.graphics.Color)	4279335027 (0xFF117873)
YUV	88.6330, 12.9989, -62.8221
Hunter-Lab	38.4577, -20.6906, -1.6706

# Details

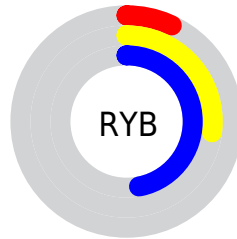
The Hex color **117873** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **781116**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **54ADA7**, and **004743** is the 20% darker color. If you saturate the color by 10%, you get **057872**, and if you desaturate by 10%, it is **1D7874**.

# Distribution



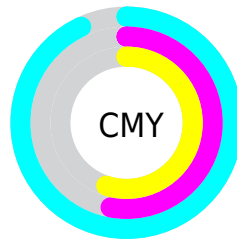
- Red (7%)
- Green (47%)
- Blue (45%)



- Red (7%)
- Yellow (27%)
- Blue (47%)



- Cyan (86%)
- Magenta (0%)
- Yellow (4%)
- Black (53%)




- Cyan (93%)
- Magenta (53%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 117873 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 117873 by changing the saturation by 10% instead.



 117873

 117873

FFFFFF

 005F5A

 54ADA7

 004743

 70C8C2

 00302D

 8CE5DE


 001C18

 A9FFFA

 000000

 C5FFFF

 E3FFFF

 117873

 117873

 057872

 1D7874

■ 007872

■ 297874

■ 357875

■ 417875

■ 4D7876

■ 597876

■ 657877

■ 717878

■ 7D7878

# Harmonies

## Analogous

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



3A775A



117873



007789

# Triad

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



117873



796290



88643F

# Complementary

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



117873



781116

# 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.



965D4E



117873



905B7C

# Square

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



117873



566B9A



995964



736D3C

# Rectangle

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



117873



167494



995964



8E6243



# Sweetspot

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



117873



739C9A



167811



374F4E



CFCFCF



4F4F4F



# Same Dimension

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



117873



009C94



114A78



373D3D



007D77



00FCF0



# Inverse Universe

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



781116



9C0008



783F11



3D3737



7D0006

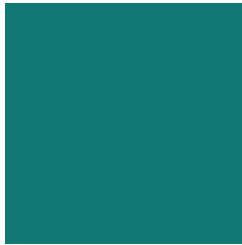


FC000C



# Previews

## White Background



This preview shows how the Hex color 117873 looks on a white background.

## Color Contrast Check

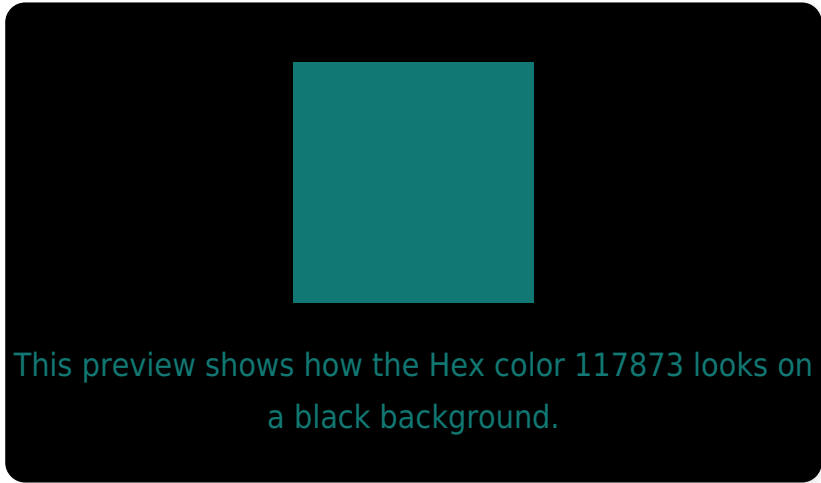
Large Text (above 18pt) WCAG AA ✓ Pass

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

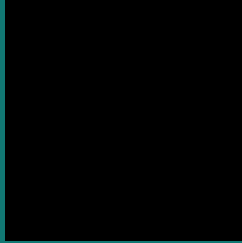
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 117873 Background



This preview shows how black text looks on a background with the Hex color 117873.

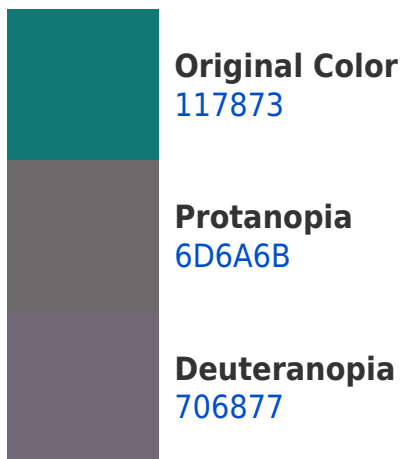


This preview shows how white text looks on a background with the Hex color 117873.

# 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**  
1E7680

# Trichromacy



**Original Color**  
117873

**Protanomaly**  
4C6F6E

**Deuteranomaly**  
4D6E76

**Tritanomaly**  
19777B

# Monochromacy



**Original Color**  
117873

**Achromatopsia**  
595959

**Achromatomaly**  
3F6462

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 117873 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 #117873 looks like.

```
.text, #text, p{  
    color:#117873  
}
```

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 #117873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #117873  
}
```

## Border

The CSS property to change the border of an element to Hex 117873 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  
#117873 }
```

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

```
.border{ border-color:#117873 }
```

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

Here you see how a box with a 4 pixel #117873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #117873; -webkit-box-shadow:4px 4px  
4px 4px #117873; box-shadow:4px 4px 4px  
4px #117873 }
```

# Background

The CSS property to change the background color of an element to Hex 117873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#117873 }
```

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

```
.background{ background-color:#117873 }
```

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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