

# Converting Colors

Hex(197742)

Have a look what the booklet for  
Hex(197742) contains.

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# Color

Hex(197742)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	197742
RGB	25, 119, 66
RGB Percent	10%, 47%, 26%
CMY	0.9020, 0.5333, 0.7412
CMYK	0.79, 0.00, 0.45, 0.53
HSL	146°, 65%, 28%
HSV	146°, 79%, 47%
XYZ	7.9811, 13.7937, 7.3961
YIQ	84.8520, -39.0110, -36.4110

# Conversions

## Conversions Part 2

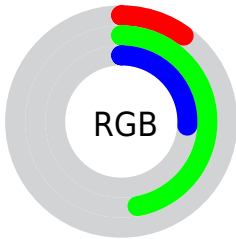
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 90, 119
Decimal	1668930
CIELab	43.94, -39.39, 21.73
CIElCh	44, 44.991, 151.114
Yxy	13.7937, 0.2736, 0.4729
Android (android.graphics.Color)	4279859010 (0xFF197742)
YUV	84.8520, -9.2940, -52.4902
Hunter-Lab	37.1398, -26.6363, 14.1908

# Details

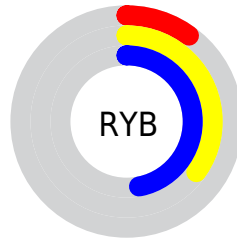
The Hex color **197742** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **77194E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **55AC73**, and **004515** is the 20% darker color. If you saturate the color by 10%, you get **0D773B**, and if you desaturate by 10%, it is **257749**.

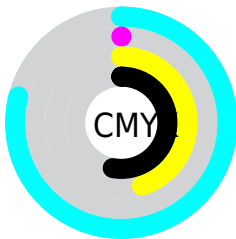
# Distribution



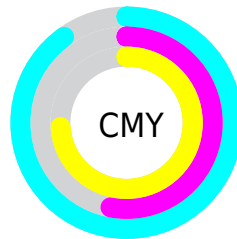
- Red (10%)
- Green (47%)
- Blue (26%)



- Red (10%)
- Yellow (35%)
- Blue (47%)



- Cyan (79%)
- Magenta (0%)
- Yellow (45%)
- Black (53%)



- Cyan (90%)
- Magenta (53%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 197742 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 197742 by changing the saturation by 10% instead.



 197742

 197742


FFFFFF

 005E2B

 55AC73

 004515

 70C88C

 002E00

 8CE4A7

 001600

 A8FFC2

 000000

 C4FFDE

 E1FFFB

 197742

 197742

 0D773B

 257749

■ 017735

■ 31774F

■ 007734

■ 3D7756

■ 49775D

■ 547764

■ 60776A

■ 6C7771

■ 787778

■ 84777E

# Harmonies

## Analogous

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



547123



197742



007A68

# Triad

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



197742



006CB3



A94A43

# Complementary

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



197742



77194E

# 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.



AA4568



197742



6A5DA8

# Square

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



197742



0075A9



964E8D



975825

# Rectangle

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



197742



007A82



964E8D



AC474F



# Sweetspot

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



197742



769C87



4E7719



384F42



CFCFCF



4F4F4F



# Same Dimension

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



197742



089C48



197771



353B37



007A35



00FA6D



# Inverse Universe

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



77194E



9C085B



77191F



3B3538



7A0045



FA008D



# Previews

## White Background



This preview shows how the Hex color 197742 looks on a white background.

## Color Contrast Check

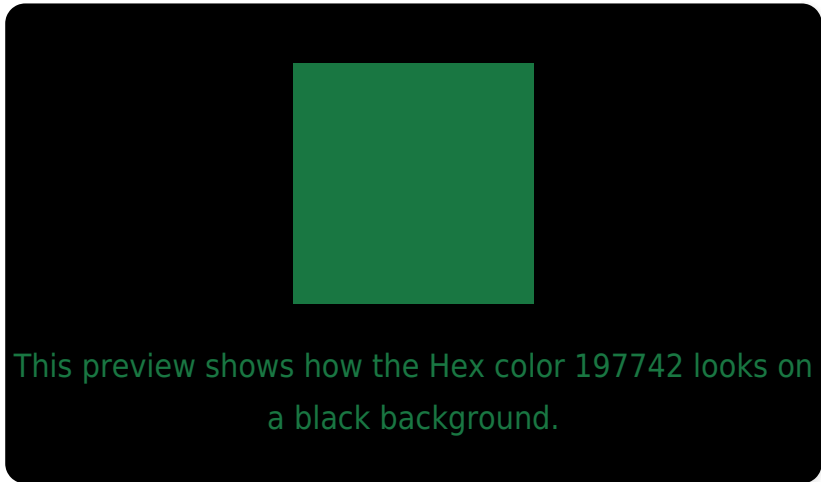
Large Text (above 18pt) WCAG AA ✓ Pass

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 197742 Background



This preview shows how black text looks on a background with the Hex color 197742.



This preview shows how white text looks on a background with the Hex color 197742.

# 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**  
197742

**Protanopia**  
71673C

**Deuteranopia**  
7B6347



**Tritanopia**  
32717A

# Trichromacy



**Original Color**  
197742

**Protanomaly**  
516D3E

**Deuteranomaly**  
576A45

**Tritanomaly**  
297366

# Monochromacy



**Original Color**  
197742

**Achromatopsia**  
555555

**Achromatomaly**  
3F614E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 197742 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 #197742 looks like.

```
.text, #text, p{  
    color:#197742  
}
```

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 #197742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #197742
}
```

## Border

The CSS property to change the border of an element to Hex 197742 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
#197742 }
```

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

```
.border{ border-color:#197742 }
```

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

Here you see how a box with a 4 pixel #197742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #197742; -webkit-box-shadow:4px 4px  
4px 4px #197742; box-shadow:4px 4px 4px  
4px #197742 }
```

# Background

The CSS property to change the background color of an element to Hex 197742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#197742 }
```

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

```
.background{ background-color:#197742 }
```

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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