

# Converting Colors

Hex(197533)

Have a look what the booklet for  
Hex(197533) contains.

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# Color

**Hex(197533)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	197533
RGB	25, 117, 51
RGB Percent	10%, 46%, 20%
CMY	0.9020, 0.5412, 0.8000
CMYK	0.79, 0.00, 0.56, 0.54
HSL	137°, 65%, 28%
HSV	137°, 79%, 46%
XYZ	7.3597, 13.1683, 5.2858
YIQ	81.9680, -33.6460, -40.0300

# Conversions

## Conversions Part 2

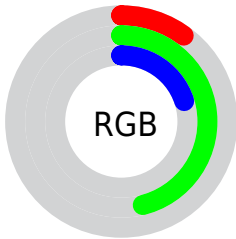
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 97, 117
Decimal	1668403
CIELab	43.02, -41.26, 28.79
CIElCh	43, 50.316, 145.095
Yxy	13.1683, 0.2851, 0.5101
Android (android.graphics.Color)	4279858483 (0xFF197533)
YUV	81.9680, -15.2672, -49.9609
Hunter-Lab	36.2881, -27.3019, 16.7654

# Details

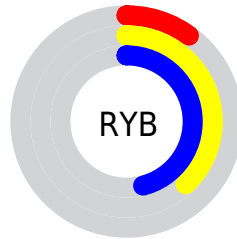
The Hex color **197533** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **75195B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **55AA63**, and **004304** is the 20% darker color. If you saturate the color by 10%, you get **0D752B**, and if you desaturate by 10%, it is **25753B**.

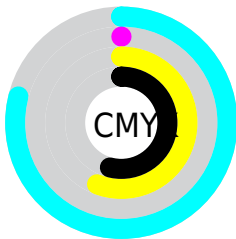
# Distribution



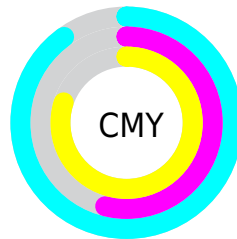
- Red (10%)
- Green (46%)
- Blue (20%)



- Red (10%)
- Yellow (38%)
- Blue (46%)



- Cyan (79%)
- Magenta (0%)
- Yellow (56%)
- Black (54%)



- Cyan (90%)
- Magenta (54%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 197533 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 197533 by changing the saturation by 10% instead.



 197533

 197533

FFFFFF

 005C1C

 55AA63

 004304

 70C67D

 002D00

 8CE297

 001200

 A8FFB2

 000000

 C4FFCE

 E1FFEA

 197533

 197533

 0D752B

 25753B

■ 027522

■ 307544

■ 007521

■ 3C754C

■ 487555

■ 53755D

■ 5F7565

■ 6B756E

■ 777576

■ 82757F

# Harmonies

## Analogous

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



586E0D



197533



00785D

# Triad

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



197533



006DB9



AF4045

# Complementary

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



197533



75195B

# 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.



AC3C6E



197533



585DB1

# Square

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



197533



0075A9



914A96



9E5020

# Rectangle

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



197533



00797A



914A96



B03D52



# Sweetspot

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



197533



74997F



5C7519



364D3D



CCCCCC



4D4D4D



# Same Dimension

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



197533



099932



197560



353B36



007A23



00FA47



# Inverse Universe

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



75195B



990970



75192E



3B3539



7A0058



FA00B3



# Previews

## White Background



This preview shows how the Hex color 197533 looks on a white background.

## Color Contrast Check

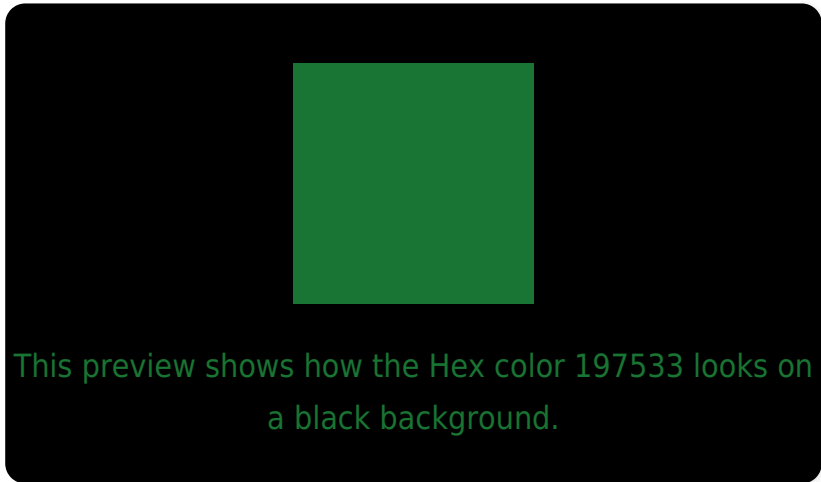
Large Text (above 18pt) WCAG AA ✓ Pass

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

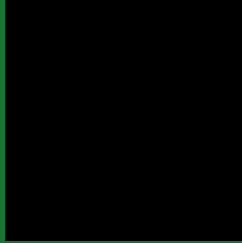
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 197533 Background



This preview shows how black text looks on a background with the Hex color 197533.



This preview shows how white text looks on a background with the Hex color 197533.

# 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**  
197533

**Protanopia**  
70652E

**Deuteranopia**  
7B6039



**Tritanopia**  
336E77

# Trichromacy



**Original Color**  
197533

**Protanomaly**  
506B30

**Deuteranomaly**  
576837

**Tritanomaly**  
2A715E

# Monochromacy



**Original Color**  
197533

**Achromatopsia**  
525252

**Achromatomaly**  
3D5F47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 197533 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 #197533 looks like.

```
.text, #text, p{  
    color:#197533  
}
```

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 #197533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #197533
}
```

## Border

The CSS property to change the border of an element to Hex 197533 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
#197533 }
```

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

```
.border{ border-color:#197533 }
```

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

Here you see how a box with a 4 pixel #197533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #197533; -webkit-box-shadow:4px 4px  
4px 4px #197533; box-shadow:4px 4px 4px  
4px #197533 }
```

# Background

The CSS property to change the background color of an element to Hex 197533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#197533 }
```

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

```
.background{ background-color:#197533 }
```

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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