

# Converting Colors

Hex(197819)

Have a look what the booklet for  
Hex(197819) contains.

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**Color**

**Hex(197819)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	197819
RGB	25, 120, 25
RGB Percent	10%, 47%, 10%
CMY	0.9020, 0.5294, 0.9020
CMYK	0.79, 0.00, 0.79, 0.53
HSL	120°, 66%, 28%
HSV	120°, 79%, 47%
XYZ	7.2928, 13.7098, 3.1816
YIQ	80.7650, -26.1250, -49.6850

# Conversions

## Conversions Part 2

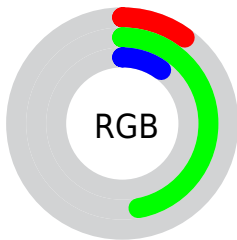
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 120, 120
Decimal	1669145
CIE <sub>Lab</sub>	43.81, -45.35, 41.53
CIE <sub>LCh</sub>	44, 61.492, 137.522
Yxy	13.7098, 0.3016, 0.5669
Android (android.graphics.Color)	4279859225 (0xFF197819)
YUV	80.7650, -27.4921, -48.9059
Hunter-Lab	37.0267, -29.6392, 20.8241

# Details

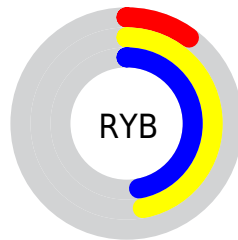
The Hex color **197819** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **781978**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **57AD4C**, and **004600** is the 20% darker color. If you saturate the color by 10%, you get **0D780D**, and if you desaturate by 10%, it is **257825**.

# Distribution



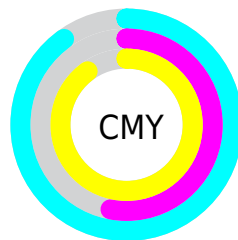
- Red (10%)
- Green (47%)
- Blue (10%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 197819 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 197819 by changing the saturation by 10% instead.





197819



197819

FFFFFF



005F00



57AD4C



004600



73C966



002F00



8FE680



001600



ABFF9A



000000



C8FFB6



E5FFD2



FFFFEE



197819



197819

■ 0D780D

■ 257825

■ 017801

■ 317831

■ 007800

■ 3D783D

■ 497849

■ 557855

■ 617861

■ 6D786D

■ 797879

■ 857885

# Harmonies

## Analogous

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



626E00



197819



007D50

# Triad

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



197819



0074CC



C02E4C

# Complementary

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



197819



781978

# 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.



B7307F



197819



2963CA

# Square

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



197819



007CB2



8E4AAD



B1461B

# Rectangle

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



197819



007E73



8E4AAD



C02A5D



# Sweetspot

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



197819



769C76



787819



384F38



CFCFCF



4F4F4F



# Same Dimension

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



197819



089C08



197848



373D37



007D00



00FC00



# Inverse Universe

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



781978



9C089C



781948



3D373D



7D007D



FC00FC



# Previews

## White Background



This preview shows how the Hex color 197819 looks on a white background.

## Color Contrast Check

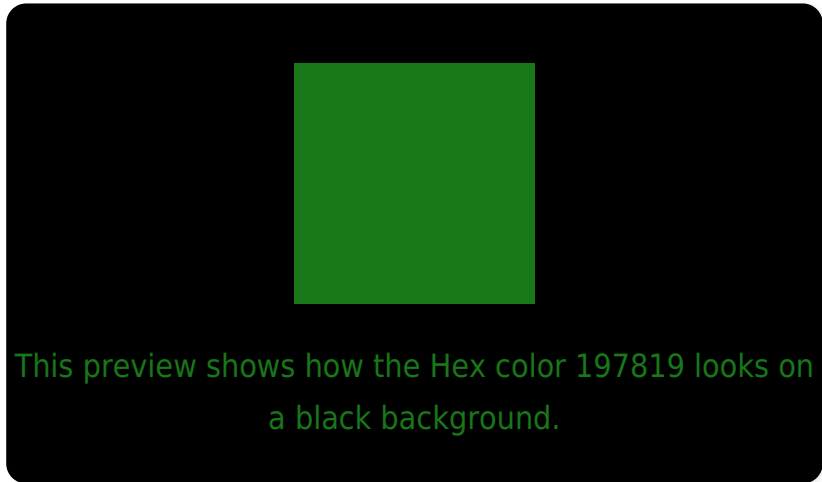
Large Text (above 18pt) WCAG AA ✓ Pass

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 197819 Background



This preview shows how black text looks on a background with the Hex color 197819.



This preview shows how white text looks on a background with the Hex color 197819.

# 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**  
197819

**Protanopia**  
746715

**Deuteranopia**  
816223



**Tritanopia**  
367079

# Trichromacy



**Original Color**  
197819



**Protanomaly**  
536D16



**Deuteranomaly**  
5B6A1F



**Tritanomaly**  
2B7356

# Monochromacy



**Original Color**  
197819



**Achromatopsia**  
515151



**Achromatomaly**  
3D5F3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 197819 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 #197819 looks like.

```
.text, #text, p{  
    color:#197819  
}
```

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 #197819 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #197819
}
```

## Border

The CSS property to change the border of an element to Hex 197819 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
#197819 }
```

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

```
.border{ border-color:#197819 }
```

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

Here you see how a box with a 4 pixel #197819 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #197819; -webkit-box-shadow:4px 4px  
4px 4px #197819; box-shadow:4px 4px 4px  
4px #197819 }
```

# Background

The CSS property to change the background color of an element to Hex 197819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#197819 }
```

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

```
.background{ background-color:#197819 }
```

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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