

Converting Colors

Hex(197900)

Have a look what the booklet for
Hex(197900) contains.

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Color

Hex(197900)

Conversions

Conversions Part 1

Format	Color
Hex	197900
RGB	25, 121, 0
RGB Percent	10%, 47%, 0%
CMY	0.9020, 0.5255, 1.0000
CMYK	0.79, 0.00, 1.00, 0.53
HSL	108°, 100%, 24%
HSV	108°, 100%, 47%
XYZ	7.2383, 13.8814, 2.2979
YIQ	78.5020, -18.3750, -57.9830

Conversions

Conversions Part 2

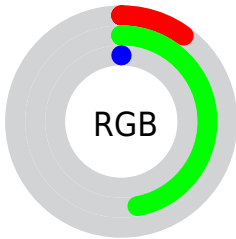
Format	Color
RYB	0, 121, 96
Decimal	1669376
CIELab	44.06, -46.95, 48.29
CIELCh	44, 67.352, 134.199
Yxy	13.8814, 0.3091, 0.5928
Android (android.graphics.Color)	4279859456 (0xFF197900)
YUV	78.5020, -38.7015, -46.9213
Hunter-Lab	37.2578, -30.5229, 22.4237

Details

The Hex color **197900** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **600079**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **58AE3E**, and **004700** is the 20% darker color. If you saturate the color by 10%, you get **197900**, and if you desaturate by 10%, it is **23790C**.

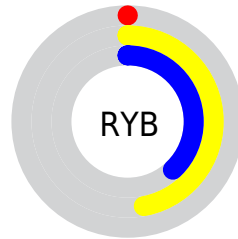
Distribution



Red (10%)

Green (47%)

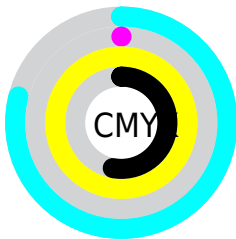
Blue (0%)



Red (0%)

Yellow (47%)

Blue (38%)

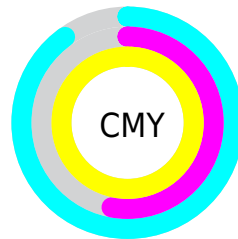


Cyan (79%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (90%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 197900 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 197900 by changing the saturation by 10% instead.

 197900

 197900

FFFFFFE

 005F00

 58AE3E

 004700

 75CA58

 003000

 91E772

 001700

 ADFF8D

 000000

 CAFFA8

 E7FFC4

 FFFFE1

 197900

 23790C

 2C7918

 367924

 3F7930

 49793C

 537949

 5C7955

 667961

 6F796D

Harmonies

Analogous

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



666E00



197900



007E47

Triad

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



197900



0077D5



C91E50

Complementary

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



197900



600079

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.



BB2788



197900



0066D6

Square

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



197900



007FB6



8A4AB9



BA3E1A

Rectangle

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



197900



00806F



8A4AB9



C81A63

Sweetspot

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



197900



789E6F



795F00



384F33



CFCFCF



4F4F4F

Same Dimension

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



197900



219E00



007922



383D37



1A7D00



34FC00

Inverse Universe

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



600079



7D009E



790057



3C373D



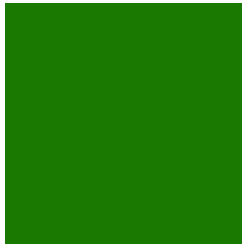
63007D



C800FC

Previews

White Background



This preview shows how the Hex color 197900 looks on a white background.

Color Contrast Check

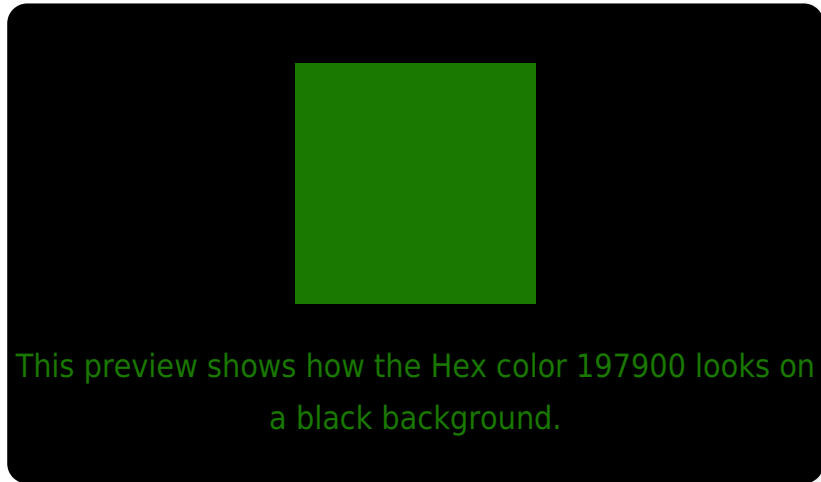
Large Text (above 18pt) WCAG AA ✓ Pass

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

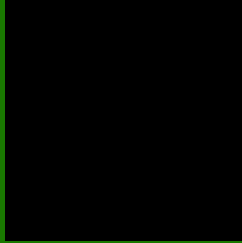
Any Text WCAG AA × Fail

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 197900 Background



This preview shows how black text looks on a background with the Hex color 197900.



This preview shows how white text looks on a background with the Hex color 197900.

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
197900

Protanopia
756800

Deuteranopia
82621A



Tritanopia
37707A

Trichromacy



Original Color
197900



Protanomaly
546E00



Deuteranomaly
5C6A11



Tritanomaly
2C734E

Monochromacy



Original Color
197900



Achromatopsia
4F4F4F



Achromatomaly
3B5E32

CSS Examples

Text

The CSS property to change the color of the text to Hex 197900 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 #197900 looks like.

```
.text, #text, p{  
    color:#197900  
}
```

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 #197900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #197900
}
```

Border

The CSS property to change the border of an element to Hex 197900 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
#197900 }
```

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

```
.border{ border-color:#197900 }
```

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

Here you see how a box with a 4 pixel #197900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #197900; -webkit-box-shadow:4px 4px  
4px 4px #197900; box-shadow:4px 4px 4px  
4px #197900 }
```

Background

The CSS property to change the background color of an element to Hex 197900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#197900 }
```

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

```
.background{ background-color:#197900 }
```

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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