

# Converting Colors

Hex(157A09)

Have a look what the booklet for  
Hex(157A09) contains.

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# Color

Hex(157A09)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	157A09
RGB	21, 122, 9
RGB Percent	8%, 48%, 4%
CMY	0.9176, 0.5216, 0.9647
CMYK	0.83, 0.00, 0.93, 0.52
HSL	114°, 86%, 26%
HSV	114°, 93%, 48%
XYZ	7.3181, 14.0982, 2.5940
YIQ	78.9190, -23.9230, -56.5550

# Conversions

## Conversions Part 2

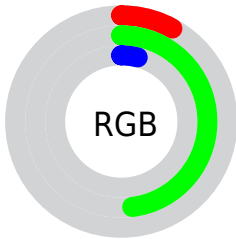
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 122, 110
Decimal	1407497
CIE <sub>Lab</sub>	44.37, -47.52, 46.54
CIE <sub>LCh</sub>	44, 66.516, 135.594
Yxy	14.0982, 0.3048, 0.5872
Android (android.graphics.Color)	4279597577 (0xFF157A09)
YUV	78.9190, -34.4701, -50.7950
Hunter-Lab	37.5476, -30.9183, 22.1873

# Details

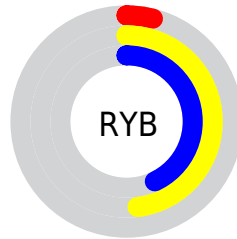
The Hex color **157A09** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6E097A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **56B043**, and **004800** is the 20% darker color. If you saturate the color by 10%, you get **0D7A00**, and if you desaturate by 10%, it is **207A15**.

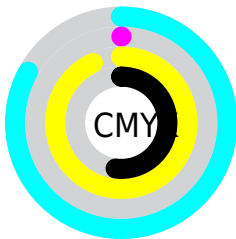
# Distribution



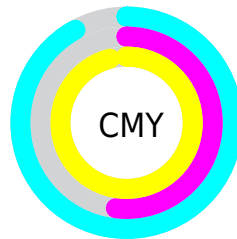
- Red (8%)
- Green (48%)
- Blue (4%)



- Red (4%)
- Yellow (48%)
- Blue (43%)



- Cyan (83%)
- Magenta (0%)
- Yellow (93%)
- Black (52%)



- Cyan (92%)
- Magenta (52%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 157A09 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 157A09 by changing the saturation by 10% instead.





157A09



157A09

FFFFFF



006000



56B043



004800



73CB5C



003100



8FE877



001800



ABFF91



000000



C8FFAD



E6FFC9



FFFFE5



157A09



157A09

 0D7A00

 207A15

 2B7A21

 367A2E

 417A3A

 4C7A46

 567A52

 617A5E

 6C7A6B

 777A77

# Harmonies

## Analogous

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



656F00



157A09



007F4B

# Triad

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



157A09



0077D5



C8234F

# Complementary

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



157A09



6E097A

# 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.



BD2986



157A09



0066D5

# Square

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



157A09



007FB8



8E4AB7



B94119

# Rectangle

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



157A09



008172



8E4AB7



C81F61



# Sweetspot

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



157A09



779E72



7A6D09



374F34



CFCFCF



4F4F4F



# Same Dimension

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



157A09



119E00



097A34



383D37



0D7D00



1BFC00



# Inverse Universe

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



6E097A



8D009E



7A094F



3D373D



70007D

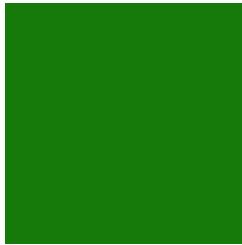


E200FC



# Previews

## White Background



This preview shows how the Hex color 157A09 looks on a white background.

## Color Contrast Check

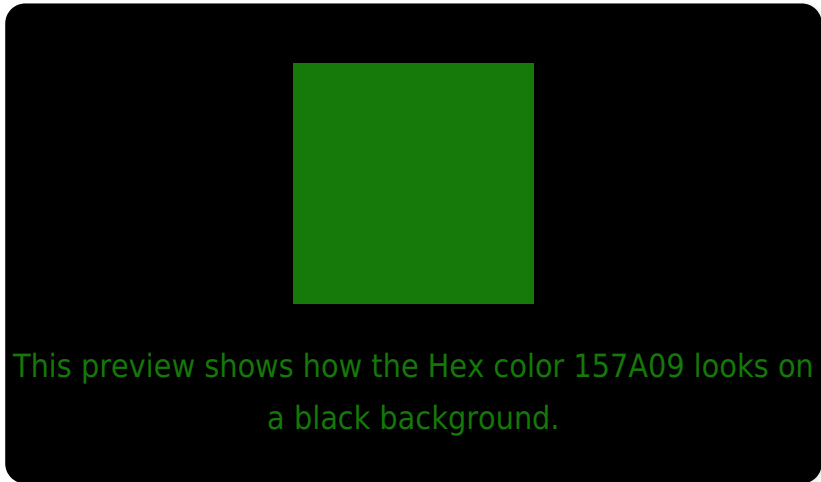
Large Text (above 18pt) WCAG AA ✓ Pass

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 157A09 Background



This preview shows how black text looks on a background with the Hex color 157A09.



This preview shows how white text looks on a background with the Hex color 157A09.

# 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**  
157A09

**Protanopia**  
766900

**Deuteranopia**  
83631B



**Tritanopia**  
36717B

# Trichromacy



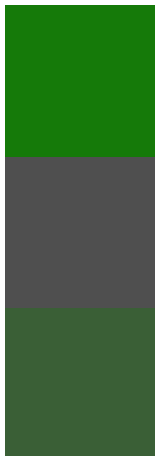
**Original Color**  
157A09

**Protanomaly**  
536F03

**Deuteranomaly**  
5B6B14

**Tritanomaly**  
2A7452

# Monochromacy



**Original Color**  
157A09

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
3A5F36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 157A09 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 #157A09 looks like.

```
.text, #text, p{  
    color:#157A09  
}
```

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 #157A09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #157A09
}
```

## Border

The CSS property to change the border of an element to Hex 157A09 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
#157A09 }
```

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

```
.border{ border-color:#157A09 }
```

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

Here you see how a box with a 4 pixel #157A09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #157A09; -webkit-box-shadow:4px 4px  
4px 4px #157A09; box-shadow:4px 4px 4px  
4px #157A09 }
```

# Background

The CSS property to change the background color of an element to Hex 157A09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#157A09 }
```

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

```
.background{ background-color:#157A09 }
```

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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