

Converting Colors

Hex(147701)

Have a look what the booklet for
Hex(147701) contains.

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Color

Hex(147701)

Conversions

Conversions Part 1

Format	Color
Hex	147701
RGB	20, 119, 1
RGB Percent	8%, 47%, 0%
CMY	0.9216, 0.5333, 0.9961
CMYK	0.83, 0.00, 0.99, 0.53
HSL	110°, 98%, 24%
HSV	110°, 99%, 47%
XYZ	6.8908, 13.3446, 2.2413
YIQ	75.9470, -21.1260, -57.6860

Conversions

Conversions Part 2

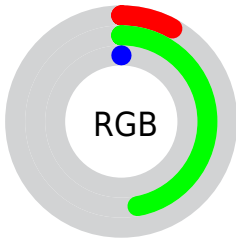
Format	Color
RYB	1, 119, 100
Decimal	1341185
CIELab	43.28, -47.02, 47.39
CIELCh	43, 66.760, 134.775
Yxy	13.3446, 0.3066, 0.5937
Android (android.graphics.Color)	4279531265 (0xFF147701)
YUV	75.9470, -36.9489, -49.0655
Hunter-Lab	36.5302, -30.2569, 21.9334

Details

The Hex color **147701** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **640177**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **55AC3E**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **137700**, and if you desaturate by 10%, it is **1E770D**.

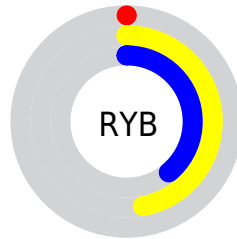
Distribution



Red (8%)

Green (47%)

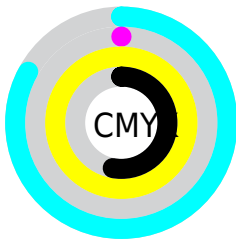
Blue (0%)



Red (0%)

Yellow (47%)

Blue (39%)

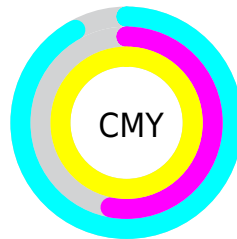


Cyan (83%)

Magenta (0%)

Yellow (99%)

Black (53%)



Cyan (92%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 147701 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 147701 by changing the saturation by 10% instead.

 147701

 147701

FFFFFFE

 005E00

 55AC3E

 004500

 72C858

 002E00

 8EE472

 001400

 AAFF8D

 000000

 C7FFA8

 E4FFC4

 FFFFEO

 147701

 147701

■ 137700

■ 1E770D

■ 287719

■ 327725

■ 3C7731

■ 46773C

■ 507748

■ 5A7754

■ 647760

■ 6E776C

Harmonies

Analogous

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



636C00



147701



007C47

Triad

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



147701



0075D2



C51D4E

Complementary

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



147701



640177

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.



B92585



147701



0064D3

Square

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



147701



007CB4



8948B6



B63D17

Rectangle

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



147701



007E6E



8948B6



C51860

Sweetspot

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



147701



749C6D



776301



374F33



CFCFCF



4F4F4F

Same Dimension

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



147701



199C00



017728



363B35



147A00



28FA00

Inverse Universe

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



640177



83009C



770150



3A353B



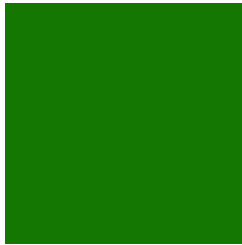
67007A



D200FA

Previews

White Background



This preview shows how the Hex color 147701 looks on a white background.

Color Contrast Check

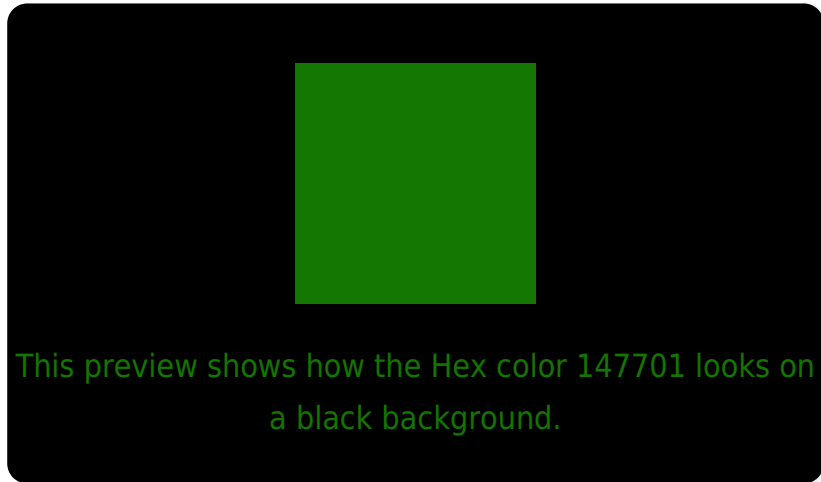
Large Text (above 18pt) WCAG AA ✓ Pass

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

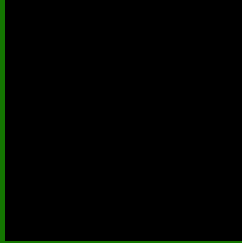
Any Text WCAG AA × Fail

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 147701 Background



This preview shows how black text looks on a background with the Hex color 147701.



This preview shows how white text looks on a background with the Hex color 147701.

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
147701

Protanopia
736600

Deuteranopia
80611A



Tritanopia
356F78

Trichromacy



Original Color
147701



Protanomaly
506C00



Deuteranomaly
596911

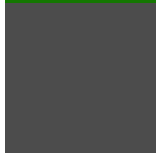


Tritanomaly
29724D

Monochromacy



Original Color
147701



Achromatopsia
4C4C4C



Achromatomaly
385C31

CSS Examples

Text

The CSS property to change the color of the text to Hex 147701 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 #147701 looks like.

```
.text, #text, p{  
    color:#147701  
}
```

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 #147701 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #147701
}
```

Border

The CSS property to change the border of an element to Hex 147701 is called "border". The border property can be set on classes, ids or directly on the HTML element.

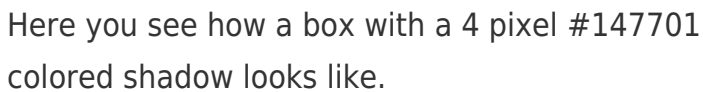
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#147701 }
```

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

```
.border{ border-color:#147701 }
```

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



Here you see how a box with a 4 pixel #147701 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #147701; -webkit-box-shadow:4px 4px  
4px 4px #147701; box-shadow:4px 4px 4px  
4px #147701 }
```

Background

The CSS property to change the background color of an element to Hex 147701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#147701 }
```

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

```
.background{ background-color:#147701 }
```

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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