

Converting Colors

Hex(174700)

Have a look what the booklet for
Hex(174700) contains.

Hex(174700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(174700)

Conversions

Conversions Part 1

Format	Color
Hex	174700
RGB	23, 71, 0
RGB Percent	9%, 28%, 0%
CMY	0.9098, 0.7216, 1.0000
CMYK	0.68, 0.00, 1.00, 0.72
HSL	101°, 100%, 14%
HSV	101°, 100%, 28%
XYZ	2.6066, 4.6886, 0.7676
YIQ	48.5540, -5.8170, -32.2570

Conversions

Conversions Part 2

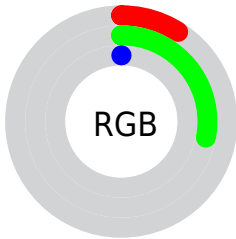
Format	Color
RYB	0, 71, 48
Decimal	1525504
CIELab	25.83, -29.51, 33.55
CIELCh	26, 44.686, 131.336
Yxy	4.6886, 0.3233, 0.5815
Android (android.graphics.Color)	4279715584 (0xFF174700)
YUV	48.5540, -23.9371, -22.4109
Hunter-Lab	21.6533, -16.4056, 13.0554

Details

The Hex color **174700** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **300047**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **4A7831**, and **001D00** is the 20% darker color. If you saturate the color by 10%, you get **174700**, and if you desaturate by 10%, it is **1C4707**.

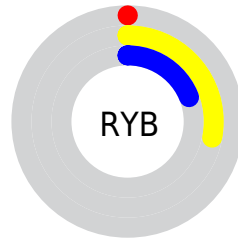
Distribution



Red (9%)

Green (28%)

Blue (0%)



Red (0%)

Yellow (28%)

Blue (19%)

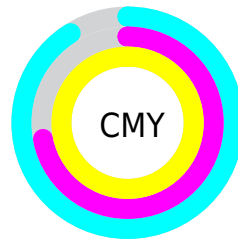


Cyan (68%)

Magenta (0%)

Yellow (100%)

Black (72%)



Cyan (91%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 174700 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 174700 by changing the saturation by 10% instead.

 174700

 174700

 FFFFE9

 003000

 4A7831

 001D00

 649249

 000000


 7EAD62

 99C87B

 B4E496

 D0FFB1

 EDFFC

 174700

■ 1C4707

■ 21470E

■ 254715

■ 2A471C

■ 2F4724

■ 34472B

■ 394732

■ 3D4739

■ 424740

Harmonies

Analogous

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



404000



174700



004B26

Triad

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



174700



00477E



781332

Complementary

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



174700



300047

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.



6E1A54



174700



003D80

Square

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



174700



004B6A



4E2D71



712211

Rectangle

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



174700



004C3E



4E2D71



77123D

Sweetspot

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



174700



495C40



472F00



232E1D



ADADAD



2E2E2E

Same Dimension

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



174700



1E5C00



00470C



212420



206300



4AE300

Inverse Universe

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



300047



3E005C



47003B



232024



430063



9900E3

Previews

White Background



This preview shows how the Hex color 174700 looks on a white background.

Color Contrast Check

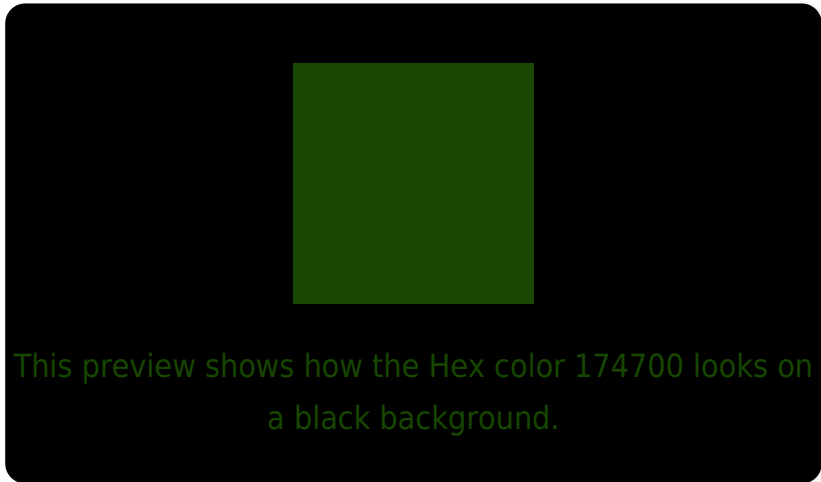
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

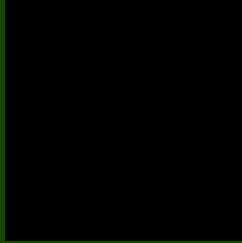
Any Text WCAG AA × Fail

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 174700 Background



This preview shows how black text looks on a background with the Hex color 174700.



This preview shows how white text looks on a background with the Hex color 174700.

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
174700

Protanopia
453E00

Deuteranopia
4D3A0F



Tritanopia
254247

Trichromacy



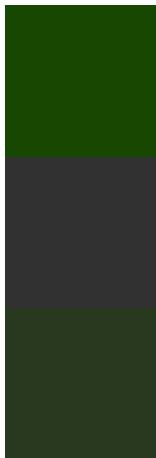
Original Color
174700

Protanomaly
344100

Deuteranomaly
393F0A

Tritanomaly
20442D

Monochromacy



Original Color
174700

Achromatopsia
313131

Achromatomaly
28391F

CSS Examples

Text

The CSS property to change the color of the text to Hex 174700 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 #174700 looks like.

```
.text, #text, p{  
    color:#174700  
}
```

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 #174700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #174700
}
```

Border

The CSS property to change the border of an element to Hex 174700 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
#174700 }
```

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

```
.border{ border-color:#174700 }
```

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

Here you see how a box with a 4 pixel #174700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #174700; -webkit-box-shadow:4px 4px  
4px 4px #174700; box-shadow:4px 4px 4px  
4px #174700 }
```

Background

The CSS property to change the background color of an element to Hex 174700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#174700 }
```

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

```
.background{ background-color:#174700 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor