

Converting Colors

Hex(174D00)

Have a look what the booklet for
Hex(174D00) contains.

| | |
|--|----|
| Hex(174D00) | 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(174D00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 174D00 |
| RGB | 23, 77, 0 |
| RGB Percent | 9%, 30%, 0% |
| CMY | 0.9098, 0.6980, 1.0000 |
| CMYK | 0.70, 0.00, 1.00, 0.70 |
| HSL | 102°, 100%, 15% |
| HSV | 102°, 100%, 30% |
| XYZ | 3.0072, 5.4899, 0.9012 |
| YIQ | 52.0760, -7.4670, -35.3950 |

Conversions

Conversions Part 2

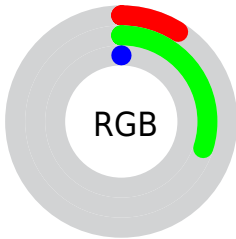
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 77, 54 |
| Decimal | 1527040 |
| CIELab | 28.09, -31.89, 35.54 |
| CIELCh | 28, 47.747, 131.904 |
| Yxy | 5.4899, 0.3200, 0.5841 |
| Android (android.graphics.Color) | 4279717120 (0xFF174D00) |
| YUV | 52.0760, -25.6735, -25.4997 |
| Hunter-Lab | 23.4306, -18.0937, 14.1210 |

Details

The Hex color **174D00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **36004D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **4C7F32**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **174D00**, and if you desaturate by 10%, it is **1C4D08**.

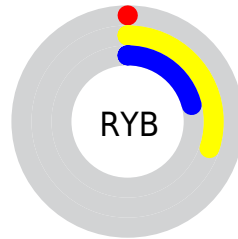
Distribution



Red (9%)

Green (30%)

Blue (0%)



Red (0%)

Yellow (30%)

Blue (21%)

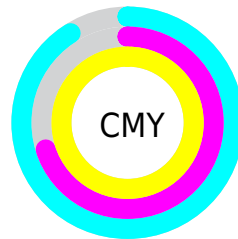


Cyan (70%)

Magenta (0%)

Yellow (100%)

Black (70%)



Cyan (91%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 174D00 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 174D00 by changing the saturation by 10% instead.

 174D00

 174D00

 FFFFEB

 003600

 4C7F32

 002200

 66994B

 000000

 80B464

 9BD07D

 B7EC98

 D3FFB3

 F0FFCF

 174D00

 1C4D08

 224D0F

 274D17

 2D4D1F

 324D27

 374D2E

 3D4D36

 424D3E

 484D45

Harmonies

Analogous

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



454500



174D00



00512A

Triad

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



174D00



004D89



821435

Complementary

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



174D00



36004D

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.



781B5A



174D00



00428B

Square

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



174D00



005173



55317A



792512

Rectangle

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



174D00



005244



55317A



811342

Sweetspot

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



174D00



4F6346



4D3600



263321



B3B3B3



333333

Same Dimension

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



174D00



1E6300



004D0F



242622



1E6600



45E600

Inverse Universe

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



36004D



460063



4D003E



252226



480066



A100E6

Previews

White Background



This preview shows how the Hex color 174D00 looks on a white background.

Color Contrast Check

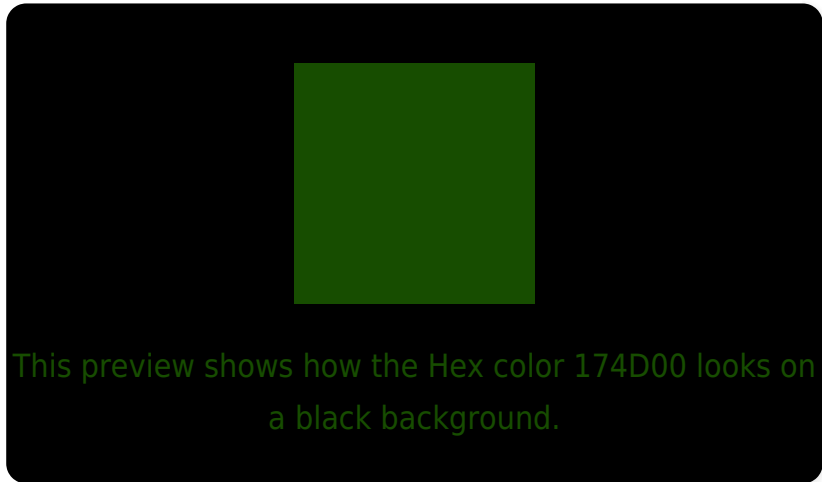
Large Text (above 18pt) WCAG AA ✓ Pass

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

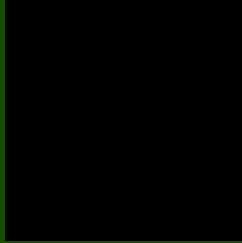
Any Text WCAG AA × Fail

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 174D00 Background



This preview shows how black text looks on a background with the Hex color 174D00.



This preview shows how white text looks on a background with the Hex color 174D00.

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](#).

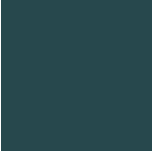
Dichromacy



Original Color
174D00

Protanopia
4B4300

Deuteranopia
543F10



Tritanopia
27484D

Trichromacy



Original Color

174D00

Protanomaly

384700

Deuteranomaly

3E440A

Tritanomaly

214A31

Monochromacy



Original Color

174D00

Achromatopsia

343434

Achromatomaly

293D21

CSS Examples

Text

The CSS property to change the color of the text to Hex 174D00 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 #174D00 looks like.

```
.text, #text, p{  
    color:#174D00  
}
```

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 #174D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #174D00
}
```

Border

The CSS property to change the border of an element to Hex 174D00 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
#174D00 }
```

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

```
.border{ border-color:#174D00 }
```

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

Here you see how a box with a 4 pixel #174D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #174D00; -webkit-box-shadow:4px 4px  
4px 4px #174D00; box-shadow:4px 4px 4px  
4px #174D00 }
```

Background

The CSS property to change the background color of an element to Hex 174D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#174D00 }
```

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

```
.background{ background-color:#174D00 }
```

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