

Converting Colors

Hex(174000)

Have a look what the booklet for
Hex(174000) contains.

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Color

Hex(174000)

Conversions

Conversions Part 1

Format	Color
Hex	174000
RGB	23, 64, 0
RGB Percent	9%, 25%, 0%
CMY	0.9098, 0.7490, 1.0000
CMYK	0.64, 0.00, 1.00, 0.75
HSL	98°, 100%, 13%
HSV	98°, 100%, 25%
XYZ	2.1867, 3.8490, 0.6277
YIQ	44.4450, -3.8920, -28.5960

Conversions

Conversions Part 2

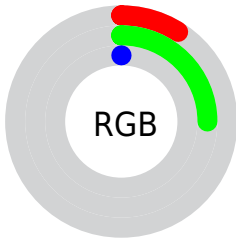
Format	Color
RYB	0, 64, 41
Decimal	1523712
CIELab	23.17, -26.61, 30.96
CIELCh	23, 40.826, 130.676
Yxy	3.8490, 0.3282, 0.5776
Android (android.graphics.Color)	4279713792 (0xFF174000)
YUV	44.4450, -21.9114, -18.8073
Hunter-Lab	19.6187, -14.4368, 11.8362

Details

The Hex color **174000** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **290040**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **487030**, and **001300** is the 20% darker color. If you saturate the color by 10%, you get **174000**, and if you desaturate by 10%, it is **1B4006**.

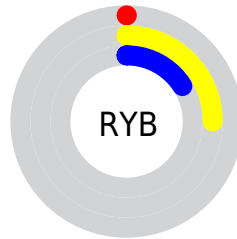
Distribution



Red (9%)

Green (25%)

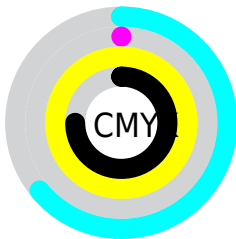
Blue (0%)



Red (0%)

Yellow (25%)

Blue (16%)

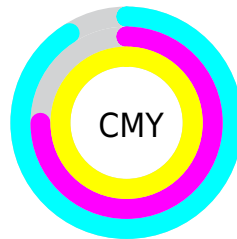


Cyan (64%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (91%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 174000 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 174000 by changing the saturation by 10% instead.

 174000

 174000

 FFFFE7

 002A00

 487030

 001300

 618A48

 000000

 7BA460

 96C07A

 B1DC94

 CDF8AF

 EAFFCA

 174000

 1B4006

 1F400D

 234013

 27401A

 2C4020

 304026

 34402D

 384033

 3C403A

Harmonies

Analogous

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



3B3900



174000



004322

Triad

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



174000



004071



6C122E

Complementary

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



174000



290040

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.



63194C



174000



003774

Square

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



174000



00445F



452966



661F10

Rectangle

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



174000



004437



452966



6B1238

Sweetspot

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



174000



44543B



402900



212B1C



ABABAB



2B2B2B

Same Dimension

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



174000



1E5400



004009



1F211E



236100



51E000

Inverse Universe

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



290040



360054



400037



201E21



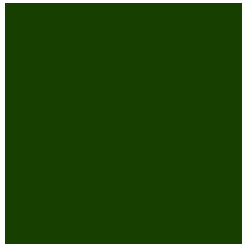
3E0061



9000E0

Previews

White Background



This preview shows how the Hex color 174000 looks on a white background.

Color Contrast Check

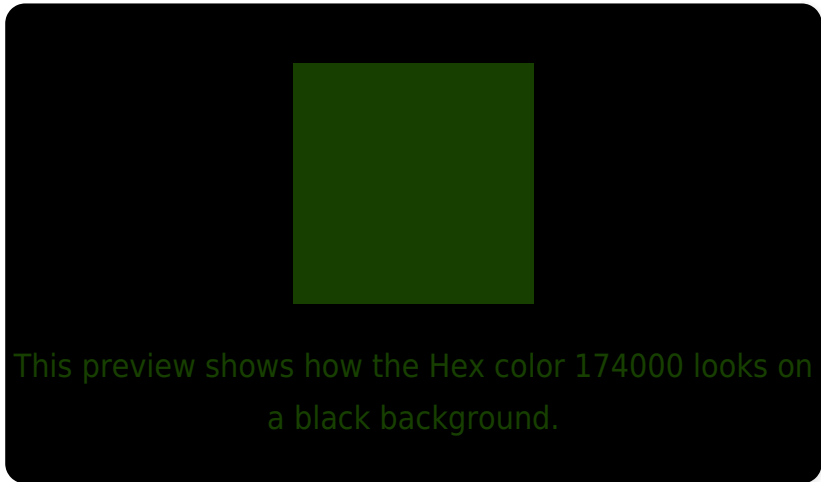
Large Text (above 18pt) WCAG AA ✓ Pass

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

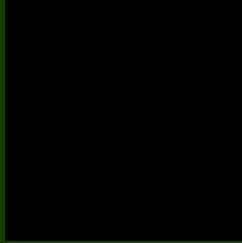
Any Text WCAG AA × Fail

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 174000 Background



This preview shows how black text looks on a background with the Hex color 174000.



This preview shows how white text looks on a background with the Hex color 174000.

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](#).

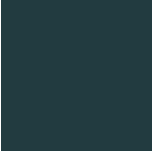
Dichromacy



Original Color
174000

Protanopia
3F3800

Deuteranopia
46350D



Tritanopia
223B40

Trichromacy



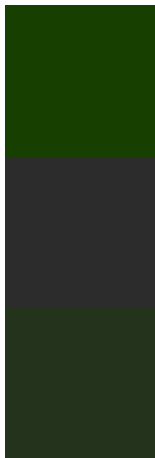
Original Color
174000

Protanomaly
303B00

Deuteranomaly
353908

Tritanomaly
1E3D29

Monochromacy



Original Color
174000

Achromatopsia
2C2C2C

Achromatomaly
24331C

CSS Examples

Text

The CSS property to change the color of the text to Hex 174000 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 #174000 looks like.

```
.text, #text, p{  
    color:#174000  
}
```

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 #174000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #174000
}
```

Border

The CSS property to change the border of an element to Hex 174000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

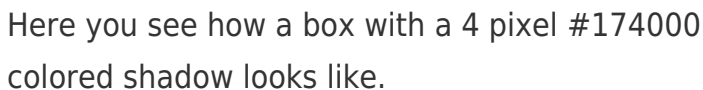
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#174000 }
```

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

```
.border{ border-color:#174000 }
```

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



Here you see how a box with a 4 pixel #174000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #174000; -webkit-box-shadow:4px 4px  
4px 4px #174000; box-shadow:4px 4px 4px  
4px #174000 }
```

Background

The CSS property to change the background color of an element to Hex 174000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#174000 }
```

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

```
.background{ background-color:#174000 }
```

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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