

Converting Colors

Hex(174802)

Have a look what the booklet for
Hex(174802) contains.

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Color

Hex(174802)

Conversions

Conversions Part 1

Format	Color
Hex	174802
RGB	23, 72, 2
RGB Percent	9%, 28%, 1%
CMY	0.9098, 0.7176, 0.9922
CMYK	0.68, 0.00, 0.97, 0.72
HSL	102°, 95%, 15%
HSV	102°, 97%, 28%
XYZ	2.6817, 4.8213, 0.8467
YIQ	49.3690, -6.7340, -32.1580

Conversions

Conversions Part 2

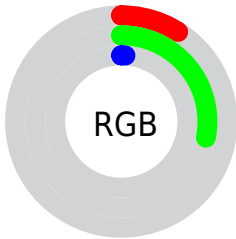
Format	Color
RYB	2, 72, 51
Decimal	1525762
CIELab	26.22, -29.76, 33.10
CIELCh	26, 44.511, 131.967
Yxy	4.8213, 0.3212, 0.5774
Android (android.graphics.Color)	4279715842 (0xFF174802)
YUV	49.3690, -23.3529, -23.1256
Hunter-Lab	21.9574, -16.6251, 13.0839

Details

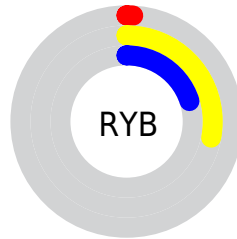
The Hex color **174802** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **330248**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **4A7933**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **164800**, and if you desaturate by 10%, it is **1C4809**.

Distribution



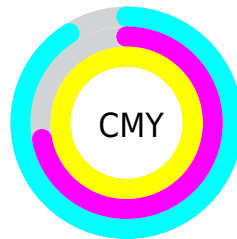
- Red (9%)
- Green (28%)
- Blue (1%)



- Red (1%)
- Yellow (28%)
- Blue (20%)



- Cyan (68%)
- Magenta (0%)
- Yellow (97%)
- Black (72%)



- Cyan (91%)
- Magenta (72%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 174802 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 174802 by changing the saturation by 10% instead.

 174802

 174802

 FFFFEB

 003100

 4A7933

 001E00

 64934B

 000000

 7EAE64

 99CA7D

 B4E698

 D0FFB3

 EDFFCE

 174802

 174802

■ 164800

■ 1C4809

■ 214810

■ 264818

■ 2B481F

■ 304826

■ 35482D

■ 3A4834

■ 3F483C

■ 444843

Harmonies

Analogous

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



414100



174802



004C28

Triad

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



174802



00487F



791532

Complementary

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



174802



330248

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.



6F1B54



174802



003E81

Square

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



174802



004C6B



502E71



712412

Rectangle

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



174802



004D3F



502E71



78143D

Sweetspot

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



174802



4B5E43



483302



25301F



B0B0B0



303030

Same Dimension

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



174802



1C5E00



024810



212420



1E6300



44E300

Inverse Universe

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



330248



42005E



48023A



232024



460063



9F00E3

Previews

White Background



This preview shows how the Hex color 174802 looks on a white background.

Color Contrast Check

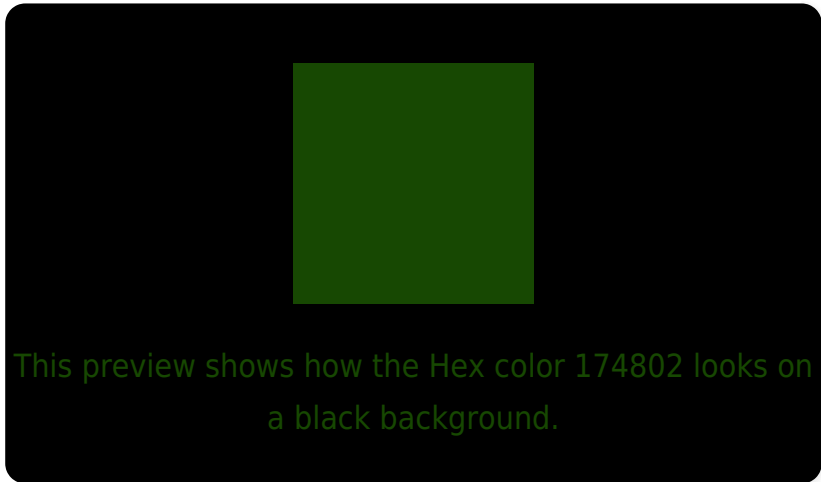
Large Text (above 18pt) WCAG AA ✓ Pass

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

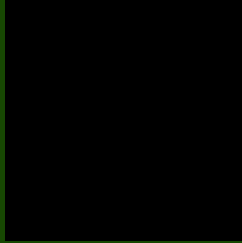
Any Text WCAG AA × Fail

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 174802 Background



This preview shows how black text looks on a background with the Hex color 174802.



This preview shows how white text looks on a background with the Hex color 174802.

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](#).

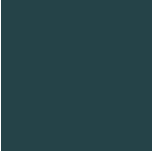
Dichromacy



Original Color
174802

Protanopia
463E00

Deuteranopia
4E3B0F



Tritanopia
254348

Trichromacy



Original Color
174802

Protanomaly
354201

Deuteranomaly
3A400A

Tritanomaly
20452F

Monochromacy



Original Color
174802

Achromatopsia
313131

Achromatomaly
283920

CSS Examples

Text

The CSS property to change the color of the text to Hex 174802 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 #174802 looks like.

```
.text, #text, p{  
    color:#174802  
}
```

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 #174802 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #174802
}
```

Border

The CSS property to change the border of an element to Hex 174802 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".

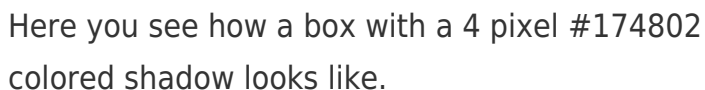
```
.border, #border, table{ border:4px solid
#174802 }
```

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

```
.border{ border-color:#174802 }
```

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

Here you see how a box with a 4 pixel #174802 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #174802; -webkit-box-shadow:4px 4px  
4px 4px #174802; box-shadow:4px 4px 4px  
4px #174802 }
```

Background

The CSS property to change the background color of an element to Hex 174802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#174802 }
```

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

```
.background{ background-color:#174802 }
```

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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