

Converting Colors

Hex(174C00)

Have a look what the booklet for
Hex(174C00) contains.

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Color

Hex(174C00)

Conversions

Conversions Part 1

Format	Color
Hex	174C00
RGB	23, 76, 0
RGB Percent	9%, 30%, 0%
CMY	0.9098, 0.7020, 1.0000
CMYK	0.70, 0.00, 1.00, 0.70
HSL	102°, 100%, 15%
HSV	102°, 100%, 30%
XYZ	2.9378, 5.3510, 0.8780
YIQ	51.4890, -7.1920, -34.8720

Conversions

Conversions Part 2

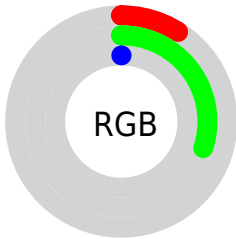
Format	Color
RYB	0, 76, 53
Decimal	1526784
CIELab	27.71, -31.50, 35.22
CIELCh	28, 47.253, 131.808
Yxy	5.3510, 0.3205, 0.5837
Android (android.graphics.Color)	4279716864 (0xFF174C00)
YUV	51.4890, -25.3841, -24.9849
Hunter-Lab	23.1323, -17.8122, 13.9422

Details

The Hex color **174C00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **35004C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **4B7E32**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **174C00**, and if you desaturate by 10%, it is **1C4C08**.

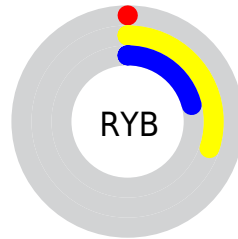
Distribution



Red (9%)

Green (30%)

Blue (0%)



Red (0%)

Yellow (30%)

Blue (21%)

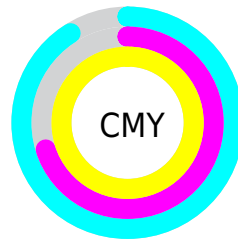


Cyan (70%)

Magenta (0%)

Yellow (100%)

Black (70%)



Cyan (91%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 174C00 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 174C00 by changing the saturation by 10% instead.

 174C00

 174C00

 FFFFEB

 003500

 4B7E32

 002200

 65984A

 000000

 80B363

 9BCE7D

 B6EB97

 D2FFB2

 EFFFCE

 174C00

 1C4C08

 224C0F

 274C17

 2C4C1E

 314C26

 374C2E

 3C4C35

 414C3D

 474C44

Harmonies

Analogous

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



444400



174C00



005029

Triad

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



174C00



004C87



801435

Complementary

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



174C00



35004C

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.



761B59



174C00



004189

Square

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



174C00



005071



543078



782512

Rectangle

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



174C00



005143



543078



7F1241

Sweetspot

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



174C00



4F6346



4C3400



263321



B3B3B3



333333

Same Dimension

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



174C00



1E6300



004C0E



242622



1F6600



45E600

Inverse Universe

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



35004C



450063



4C003E



252226



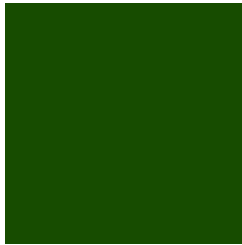
470066



A000E6

Previews

White Background



This preview shows how the Hex color 174C00 looks on a white background.

Color Contrast Check

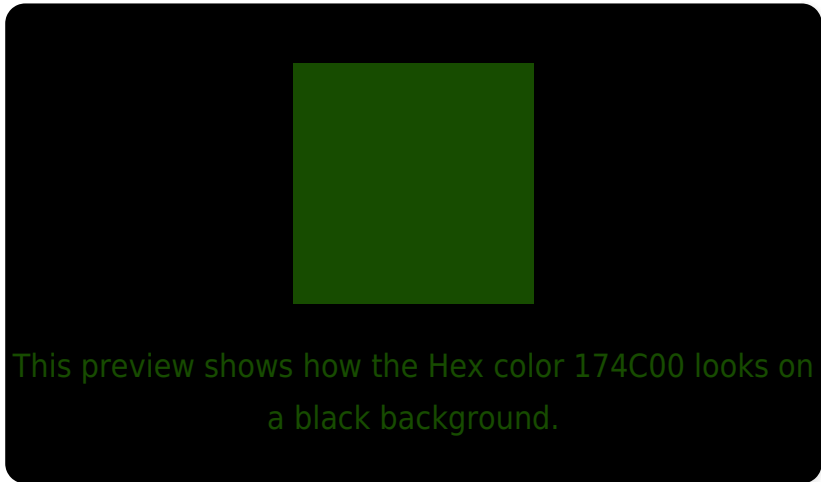
Large Text (above 18pt) WCAG AA ✓ Pass

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

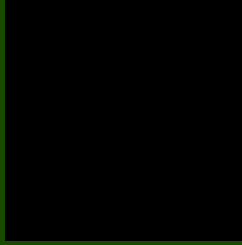
Any Text WCAG AA × Fail

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 174C00 Background



This preview shows how black text looks on a background with the Hex color 174C00.



This preview shows how white text looks on a background with the Hex color 174C00.

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
174C00

Protanopia
4A4200

Deuteranopia
523E10



Tritanopia
26474C

Trichromacy



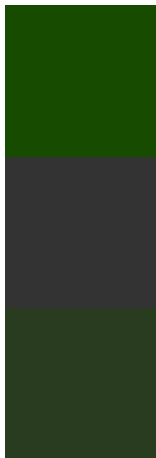
Original Color
174C00

Protanomaly
374600

Deuteranomaly
3D430A

Tritanomaly
214930

Monochromacy



Original Color
174C00

Achromatopsia
333333

Achromatomaly
293C20

CSS Examples

Text

The CSS property to change the color of the text to Hex 174C00 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 #174C00 looks like.

```
.text, #text, p{  
    color:#174C00  
}
```

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 #174C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #174C00  
}
```

Border

The CSS property to change the border of an element to Hex 174C00 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  
#174C00 }
```

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

```
.border{ border-color:#174C00 }
```

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

Here you see how a box with a 4 pixel #174C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #174C00; -webkit-box-shadow:4px 4px  
4px 4px #174C00; box-shadow:4px 4px 4px  
4px #174C00 }
```

Background

The CSS property to change the background color of an element to Hex 174C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#174C00 }
```

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

```
.background{ background-color:#174C00 }
```

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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