

# Converting Colors

Hex(173C04)

Have a look what the booklet for  
Hex(173C04) contains.

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# Color

Hex(173C04)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	173C04
RGB	23, 60, 4
RGB Percent	9%, 24%, 2%
CMY	0.9098, 0.7647, 0.9843
CMYK	0.62, 0.00, 0.93, 0.76
HSL	100°, 88%, 13%
HSV	100°, 93%, 24%
XYZ	1.9911, 3.4226, 0.6706
YIQ	42.5530, -4.0760, -25.2600

# Conversions

## Conversions Part 2

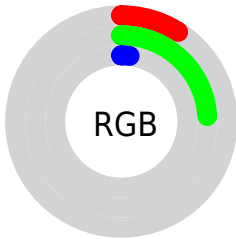
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 60, 41
Decimal	1522692
CIE <sub>Lab</sub>	21.66, -24.51, 27.76
CIE <sub>LCh</sub>	22, 37.027, 131.438
Yxy	3.4226, 0.3273, 0.5625
Android (android.graphics.Color)	4279712772 (0xFF173C04)
YUV	42.5530, -19.0066, -17.1480
Hunter-Lab	18.5004, -13.1644, 10.8013

# Details

The Hex color **173C04** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **29043C**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **476C33**, and **000B00** is the 20% darker color. If you saturate the color by 10%, you get **143C00**, and if you desaturate by 10%, it is **1B3C0A**.

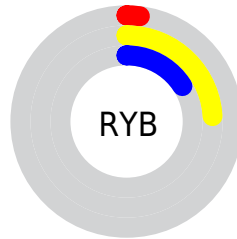
# Distribution



Red (9%)

Green (24%)

Blue (2%)



Red (2%)

Yellow (24%)

Blue (16%)

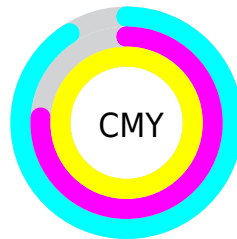


Cyan (62%)

Magenta (0%)

Yellow (93%)

Black (76%)



Cyan (91%)

Magenta (76%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 173C04 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 173C04 by changing the saturation by 10% instead.



 173C04

 173C04

 FFFFE9

 002600

 476C33

 000B00

 60854A

 000000

 7AA063

 94BB7C

 AFD796

 CBF3B1

 E7FFCD

 173C04

 173C04

■ 143C00

■ 1B3C0A

■ 1F3C10

■ 233C16

■ 273C1C

■ 2B3C22

■ 2F3C28

■ 333C2E

■ 373C34

■ 3B3C3A

# Harmonies

## Analogous

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



373600



173C04



003F21

# Triad

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



173C04



003C68



64152B

# Complementary

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



173C04



29043C

# 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.



5C1A46



173C04



00346A

# Square

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



173C04



003F58



42275D



5E1F11

# Rectangle

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



173C04



004034



42275D



631534



# Sweetspot

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



173C04



404F39



3C2804



20291B



A8A8A8



292929



# Same Dimension

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



173C04



1B4F00



043C0C



1D1F1C



205E00



4BDE00



# Inverse Universe

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



29043C



34004F



3C0434



1E1C1F



3E005E



9300DE



# Previews

## White Background



This preview shows how the Hex color 173C04 looks on a white background.

## Color Contrast Check

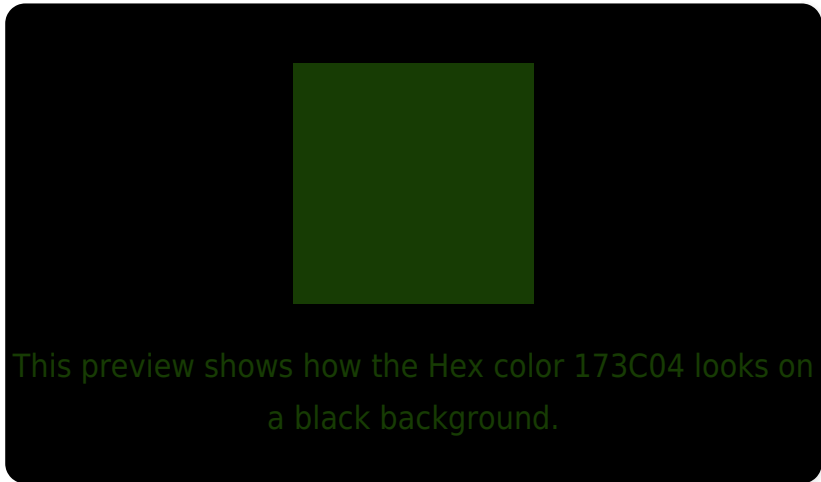
Large Text (above 18pt) WCAG AA ✓ Pass

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

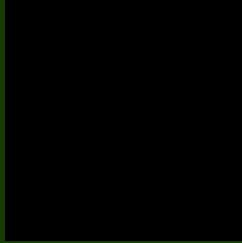
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 173C04 Background



This preview shows how black text looks on a background with the Hex color 173C04.



This preview shows how white text looks on a background with the Hex color 173C04.

# 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](#).

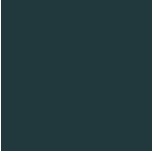
## Dichromacy



**Original Color**  
173C04

**Protanopia**  
3B3400

**Deuteranopia**  
42310D



**Tritanopia**  
21383C

# Trichromacy



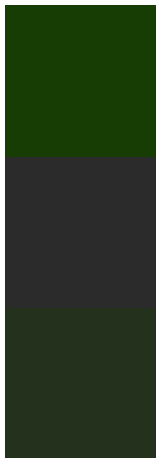
**Original Color**  
173C04

**Protanomaly**  
2E3701

**Deuteranomaly**  
32350A

**Tritanomaly**  
1D3928

# Monochromacy



**Original Color**  
173C04

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
24311D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 173C04 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 #173C04 looks like.

```
.text, #text, p{  
    color:#173C04  
}
```

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 #173C04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #173C04
}
```

## Border

The CSS property to change the border of an element to Hex 173C04 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
#173C04 }
```

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

```
.border{ border-color:#173C04 }
```

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

Here you see how a box with a 4 pixel #173C04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #173C04; -webkit-box-shadow:4px 4px  
4px 4px #173C04; box-shadow:4px 4px 4px  
4px #173C04 }
```

# Background

The CSS property to change the background color of an element to Hex 173C04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#173C04 }
```

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

```
.background{ background-color:#173C04 }
```

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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