

# Converting Colors

Hex(173904)

Have a look what the booklet for  
Hex(173904) contains.

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# Color

**Hex(173904)**

# Conversions

## Conversions Part 1

Format	Color
Hex	173904
RGB	23, 57, 4
RGB Percent	9%, 22%, 2%
CMY	0.9098, 0.7765, 0.9843
CMYK	0.60, 0.00, 0.93, 0.78
HSL	98°, 87%, 12%
HSV	98°, 93%, 22%
XYZ	1.8384, 3.1172, 0.6196
YIQ	40.7920, -3.2510, -23.6910

# Conversions

## Conversions Part 2

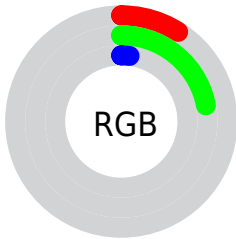
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	4, 57, 38
Decimal	1521924
CIE Lab	20.51, -23.14, 26.49
CIE LCh	21, 35.179, 131.138
Yxy	3.1172, 0.3297, 0.5591
Android (android.graphics.Color)	4279712004 (0xFF173904)
YUV	40.7920, -18.1385, -15.6036
Hunter-Lab	17.6555, -12.3108, 10.2780

# Details

The Hex color **173904** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **260439**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **466932**, and **000300** is the 20% darker color. If you saturate the color by 10%, you get **143900**, and if you desaturate by 10%, it is **1B390A**.

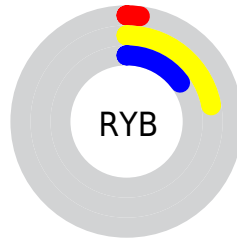
# Distribution



Red (9%)

Green (22%)

Blue (2%)



Red (2%)

Yellow (22%)

Blue (15%)

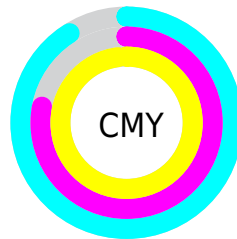


Cyan (60%)

Magenta (0%)

Yellow (93%)

Black (78%)



Cyan (91%)

Magenta (78%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 173904 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 173904 by changing the saturation by 10% instead.



 173904

 173904

 FFFFE8

 002300

 466932

 000300

 5F824A

 000000

 799C62


 93B77B

 AED395

 CAEFB0

 E6FFCC

 173904

 173904

■ 143900

■ 1B390A

■ 1E390F

■ 223915

■ 26391B

■ 293921

■ 2D3926

■ 31392C

■ 343932

■ 383937

# Harmonies

## Analogous

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



353300



173904



003C20

# Triad

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



173904



003962



5F1529

# Complementary

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



173904



260439

# 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.



571943



173904



003164

# Square

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



173904



003C53



3E2659



591E10

# Rectangle

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



173904



003D32



3E2659



5E1532



# Sweetspot

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



173904



3D4A35



392604



1E2619



A6A6A6



262626



# Same Dimension

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



173904



1B4A00



04390B



1A1C19



215C00



4FDB00



# Inverse Universe

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



260439



2F004A



390432



1B191C



3B005C



8D00DB



# Previews

## White Background



This preview shows how the Hex color 173904 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

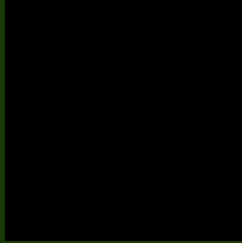
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 173904 Background



This preview shows how black text looks on a background with the Hex color 173904.



This preview shows how white text looks on a background with the Hex color 173904.

# 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**  
173904

**Protanopia**  
383200

**Deuteranopia**  
3E2F0C



# Trichromacy



**Original Color**  
173904

**Protanomaly**  
2C3501

**Deuteranomaly**  
303309

**Tritanomaly**  
1D3626

# Monochromacy



**Original Color**  
173904

**Achromatopsia**  
292929

**Achromatomaly**  
222F1C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 173904 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 #173904 looks like.

```
.text, #text, p{  
    color:#173904  
}
```

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 #173904 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #173904
}
```

## Border

The CSS property to change the border of an element to Hex 173904 is called "border". The border property can be set on classes, ids or directly on the HTML element.

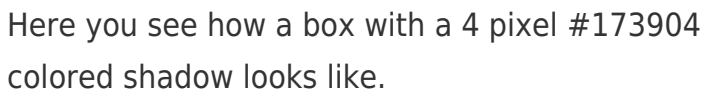
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#173904 }
```

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

```
.border{ border-color:#173904 }
```

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



Here you see how a box with a 4 pixel #173904 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #173904; -webkit-box-shadow:4px 4px  
4px 4px #173904; box-shadow:4px 4px 4px  
4px #173904 }
```

# Background

The CSS property to change the background color of an element to Hex 173904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#173904 }
```

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

```
.background{ background-color:#173904 }
```

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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