

# Converting Colors

Hex(143101)

Have a look what the booklet for  
Hex(143101) contains.

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# Color

**Hex(143101)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 143101                     |
| RGB           | 20, 49, 1                  |
| RGB Percent   | 8%, 19%, 0%                |
| CMY           | 0.9216, 0.8078, 0.9961     |
| CMYK          | 0.59, 0.00, 0.98, 0.81     |
| HSL           | 96°, 96%, 10%              |
| HSV           | 96°, 98%, 19%              |
| XYZ           | 1.3923, 2.3475, 0.4085     |
| YIQ           | 34.8570, -1.8760, -21.0760 |

# Conversions

## Conversions Part 2

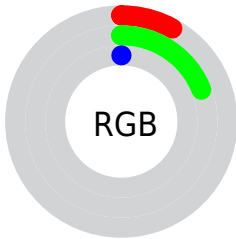
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 1, 49, 30                      |
| Decimal                             | 1323265                        |
| CIE <sub>Lab</sub>                  | 17.21, -20.83, 23.84           |
| CIE <sub>LCh</sub>                  | 17, 31.655, 131.143            |
| Yxy                                 | 2.3475, 0.3356,<br>0.5659      |
| Android<br>(android.graphics.Color) | 4279513345<br>(0xFF143101)     |
| YUV                                 | 34.8570, -16.6915,<br>-13.0296 |
| Hunter-Lab                          | 15.3217, -10.5926,<br>9.1446   |

# Details

The Hex color **143101** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1E0131**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **426030**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **133100**, and if you desaturate by 10%, it is **173106**.

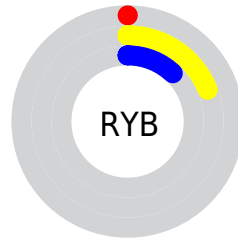
# Distribution



Red (8%)

Green (19%)

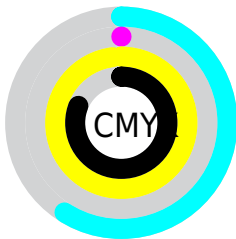
Blue (0%)



Red (0%)

Yellow (19%)

Blue (12%)

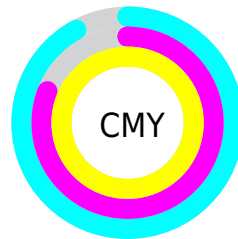


Cyan (59%)

Magenta (0%)

Yellow (98%)

Black (81%)



Cyan (92%)

Magenta (81%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 143101 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 143101 by changing the saturation by 10% instead.



 143101

 143101

 FCFFE4

 001D00

 426030

 000000

 5A7947

 73925F

 8DAD78

 A8C892

 C3E5AD

 E0FFC8

 143101

 143101

■ 133100

■ 173106

■ 1A310B

■ 1D3110

■ 203115

■ 23311A

■ 26311E

■ 293123

■ 2C3128

■ 2F312D

# Harmonies

## Analogous

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



2E2C00



143101



00341B

# Triad

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



143101



003155



521223

# Complementary

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



143101



1E0131

# 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.



4B153A



143101



002A57

# Square

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



143101



003448



36204D



4E190C

# Rectangle

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



143101



00342B



36204D



51112A



# Sweetspot

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



143101



35402D



311E01



1A2116



A1A1A1



212121



# Same Dimension

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



143101



194000



013106



181A17



235900



56D900



# Inverse Universe

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



1E0131



270040



31012C



18171A



360059



8300D9



# Previews

## White Background



This preview shows how the Hex color 143101 looks on a white background.

## Color Contrast Check

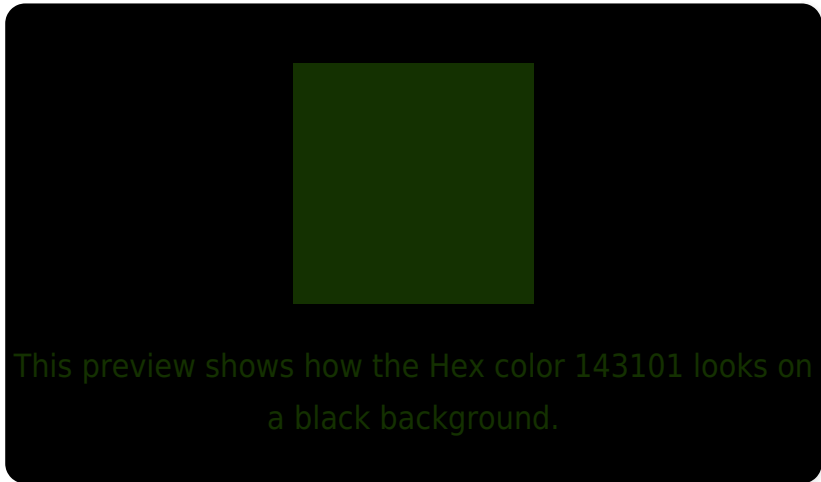
Large Text (above 18pt) WCAG AA ✓ Pass

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

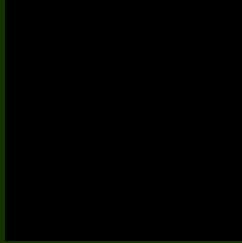
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 143101 Background



This preview shows how black text looks on a background with the Hex color 143101.



This preview shows how white text looks on a background with the Hex color 143101.

# 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**  
143101

**Protanopia**  
302B00

**Deuteranopia**  
36280A



# Trichromacy



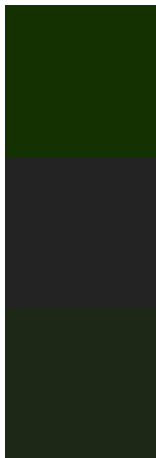
**Original Color**  
143101

**Protanomaly**  
262D00

**Deuteranomaly**  
2A2B07

**Tritanomaly**  
192F20

# Monochromacy



**Original Color**  
143101

**Achromatopsia**  
232323

**Achromatomaly**  
1E2817

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 143101 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 #143101 looks like.

```
.text, #text, p{  
    color:#143101  
}
```

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 #143101 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #143101
}
```

## Border

The CSS property to change the border of an element to Hex 143101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

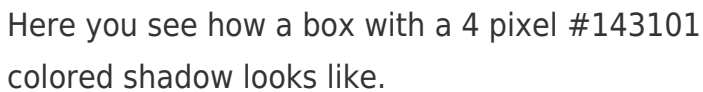
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#143101 }
```

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

```
.border{ border-color:#143101 }
```

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



Here you see how a box with a 4 pixel #143101 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #143101; -webkit-box-shadow:4px 4px  
4px 4px #143101; box-shadow:4px 4px 4px  
4px #143101 }
```

# Background

The CSS property to change the background color of an element to Hex 143101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#143101 }
```

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

```
.background{ background-color:#143101 }
```

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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