

# Converting Colors

Hex(243001)

Have a look what the booklet for  
Hex(243001) contains.

<b>Hex(243001)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(243001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	243001
RGB	36, 48, 1
RGB Percent	14%, 19%, 0%
CMY	0.8588, 0.8118, 0.9961
CMYK	0.25, 0.00, 0.98, 0.81
HSL	75°, 96%, 10%
HSV	75°, 98%, 19%
XYZ	1.7900, 2.4912, 0.4152
YIQ	39.0540, 7.9350, -17.1610

# Conversions

## Conversions Part 2

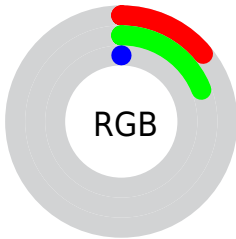
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 48, 13
Decimal	2371585
CIE <sub>Lab</sub>	17.88, -13.00, 24.89
CIE <sub>LCh</sub>	18, 28.078, 117.584
Yxy	2.4912, 0.3811, 0.5304
Android (android.graphics.Color)	4280561665 (0xFF243001)
YUV	39.0540, -18.7606, -2.6784
Hunter-Lab	15.7834, -7.3774, 9.4886

# Details

The Hex color **243001** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0D0130**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **525E30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **243000**, and if you desaturate by 10%, it is **253006**.

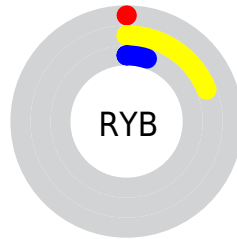
# Distribution



Red (14%)

Green (19%)

Blue (0%)



Red (0%)

Yellow (19%)

Blue (5%)

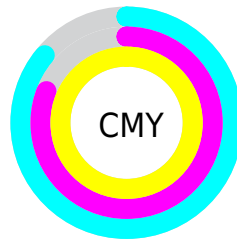


Cyan (25%)

Magenta (0%)

Yellow (98%)

Black (81%)



Cyan (86%)

Magenta (81%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 243001 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 243001 by changing the saturation by 10% instead.



 243001

 243001

 FFFFE4

 0A1C00

 525E30

 000000

 6B7747

 84905F

 9FAB78

 BAC692

 D6E2AD

 F3FFC8

 243001

 243001

■ 243000

■ 253006

■ 26300B

■ 28300F

■ 293014

■ 2A3019

■ 2B301E

■ 2D3023

■ 2E3027

■ 2F302C

# Harmonies

## Analogous

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



382A00



243001



043315

# Triad

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



243001



00334E



4F182E

# Complementary

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



243001



0D0130

# 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.



421E42



243001



002F54

# Square

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



243001



00353E



282750



4F1A1A

# Rectangle

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



243001



003522



282750



4C1935



# Sweetspot

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



243001



393D2B



300D01



1C1F14



9E9E9E



1F1F1F



# Same Dimension

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



243001



2E3D00



0D3001



161715



415700



A0D600



# Inverse Universe

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



0D0130



10003D



240130



151517



160057

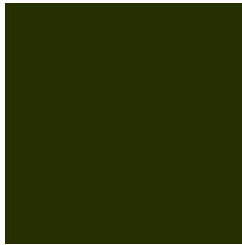


3700D6



# Previews

## White Background



This preview shows how the Hex color 243001 looks on a white background.

## Color Contrast Check

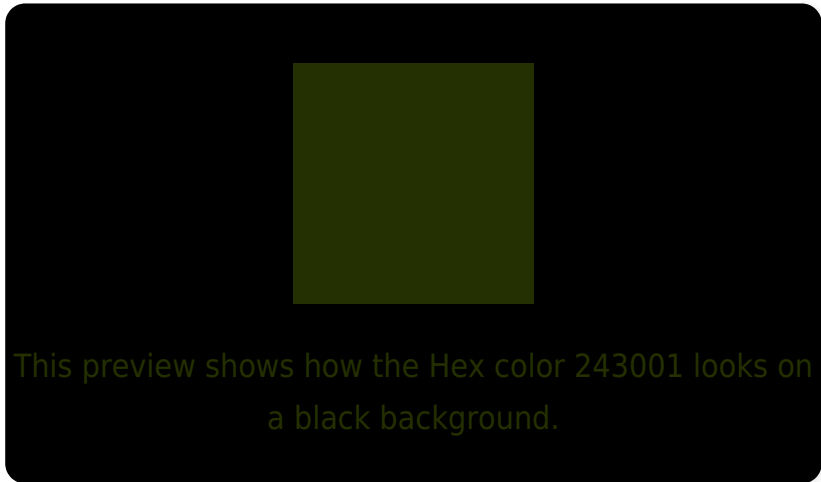
Large Text (above 18pt) WCAG AA ✓ Pass

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

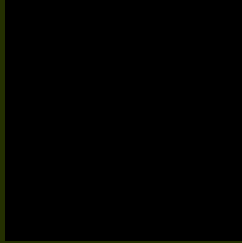
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 243001 Background



This preview shows how black text looks on a background with the Hex color 243001.



This preview shows how white text looks on a background with the Hex color 243001.

# 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**  
243001

**Protanopia**  
322C00

**Deuteranopia**  
372A09



**Tritanopia**  
282D30

# Trichromacy



**Original Color**  
243001

**Protanomaly**  
2D2D00

**Deuteranomaly**  
302C06

**Tritanomaly**  
272E1F

# Monochromacy



**Original Color**  
243001

**Achromatopsia**  
272727

**Achromatomaly**  
262A19

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 243001 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 #243001 looks like.

```
.text, #text, p{  
    color:#243001  
}
```

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 #243001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243001
}
```

## Border

The CSS property to change the border of an element to Hex 243001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

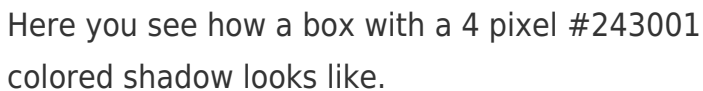
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#243001 }
```

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

```
.border{ border-color:#243001 }
```

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



Here you see how a box with a 4 pixel #243001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243001; -webkit-box-shadow:4px 4px  
4px 4px #243001; box-shadow:4px 4px 4px  
4px #243001 }
```

# Background

The CSS property to change the background color of an element to Hex 243001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243001 }
```

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

```
.background{ background-color:#243001 }
```

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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