

Converting Colors

Hex(243300)

Have a look what the booklet for
Hex(243300) contains.

Hex(243300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(243300)

Conversions

Conversions Part 1

Format	Color
Hex	243300
RGB	36, 51, 0
RGB Percent	14%, 20%, 0%
CMY	0.8588, 0.8000, 1.0000
CMYK	0.29, 0.00, 1.00, 0.80
HSL	78°, 100%, 10%
HSV	78°, 100%, 20%
XYZ	1.9114, 2.7427, 0.4287
YIQ	40.7010, 7.4310, -19.0410

Conversions

Conversions Part 2

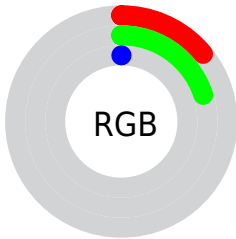
Format	Color
RYB	0, 51, 15
Decimal	2372352
CIELab	18.98, -14.82, 26.60
CIELCh	19, 30.447, 119.123
Yxy	2.7427, 0.3761, 0.5396
Android (android.graphics.Color)	4280562432 (0xFF243300)
YUV	40.7010, -20.0656, -4.1228
Hunter-Lab	16.5612, -8.3807, 10.0582

Details

The Hex color **243300** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0F0033**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **52612F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **243300**, and if you desaturate by 10%, it is **263305**.

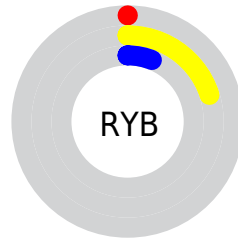
Distribution



Red (14%)

Green (20%)

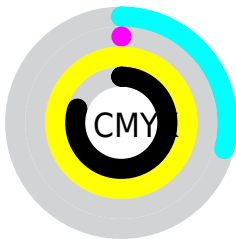
Blue (0%)



Red (0%)

Yellow (20%)

Blue (6%)

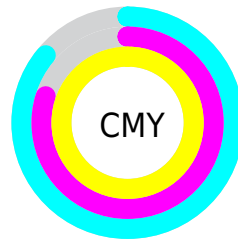


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (80%)



Cyan (86%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243300 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 243300 by changing the saturation by 10% instead.

 243300

 243300

 FFFFE4

 0C1E00

 52612F

 000000

 6B7A46

 85945E

 9FAF78

 BBCA92

 D7E6AC

 F3FFC8

 243300

■ 263305

■ 27330A

■ 29330F

■ 2A3314

■ 2C331A

■ 2D331F

■ 2F3324

■ 303329

■ 32332E

Harmonies

Analogous

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



3A2D00



243300



003716

Triad

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



243300



003654



541830

Complementary

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



243300



0F0033

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.



481E45



243300



00315A

Square

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



243300



003843



2C2955



541B1A

Rectangle

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



243300



003825



2C2955



521937

Sweetspot

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



243300



3C422E



330E00



1E2115



A1A1A1



212121

Same Dimension

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



243300



2F4200



0B3300



191A17



3F5900



99D900

Inverse Universe

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



0F0033



130042



280033



18171A



1A0059



4000D9

Previews

White Background



This preview shows how the Hex color 243300 looks on a white background.

Color Contrast Check

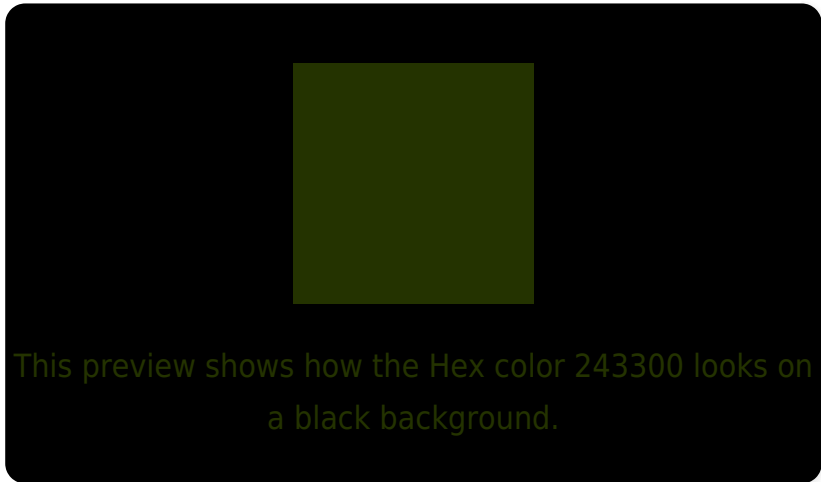
Large Text (above 18pt) WCAG AA ✓ Pass

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

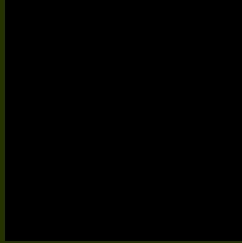
Any Text WCAG AA × Fail

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 243300 Background



This preview shows how black text looks on a background with the Hex color 243300.



This preview shows how white text looks on a background with the Hex color 243300.

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
243300

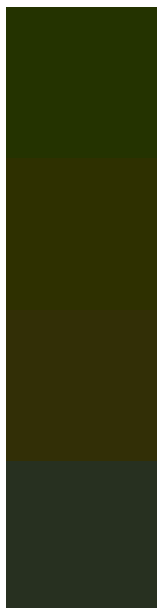
Protanopia
342E00

Deuteranopia
3A2C0A



Tritanopia
292F33

Trichromacy



Original Color

243300

Protanomaly

2E3000

Deuteranomaly

322F06

Tritanomaly

273020

Monochromacy



Original Color

243300

Achromatopsia

292929

Achromatomaly

272D1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 243300 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 #243300 looks like.

```
.text, #text, p{  
    color:#243300  
}
```

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 #243300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243300
}
```

Border

The CSS property to change the border of an element to Hex 243300 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".

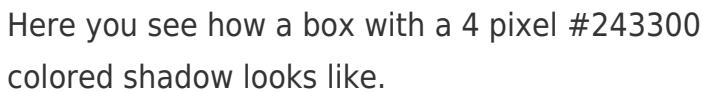
```
.border, #border, table{ border:4px solid
#243300 }
```

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

```
.border{ border-color:#243300 }
```

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

Here you see how a box with a 4 pixel #243300 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243300; -webkit-box-shadow:4px 4px  
4px 4px #243300; box-shadow:4px 4px 4px  
4px #243300 }
```

Background

The CSS property to change the background color of an element to Hex 243300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243300 }
```

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

```
.background{ background-color:#243300 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor