

# Converting Colors

Hex(243409)

Have a look what the booklet for  
Hex(243409) contains.

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# Color

Hex(243409)

# Conversions

## Conversions Part 1

Format	Color
Hex	243409
RGB	36, 52, 9
RGB Percent	14%, 20%, 4%
CMY	0.8588, 0.7961, 0.9647
CMYK	0.31, 0.00, 0.83, 0.80
HSL	82°, 70%, 12%
HSV	82°, 83%, 20%
XYZ	2.0049, 2.8508, 0.7030
YIQ	42.3140, 4.2670, -16.7650

# Conversions

## Conversions Part 2

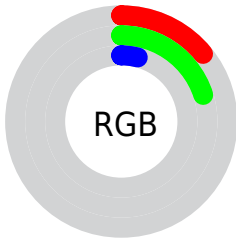
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 52, 25
Decimal	2372617
CIELab	19.44, -14.59, 23.45
CIELCh	19, 27.623, 121.886
Yxy	2.8508, 0.3607, 0.5129
Android (android.graphics.Color)	4280562697 (0xFF243409)
YUV	42.3140, -16.4238, -5.5374
Hunter-Lab	16.8842, -8.3521, 9.3502

# Details

The Hex color **243409** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **190934**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **526336**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **223404**, and if you desaturate by 10%, it is **26340E**.

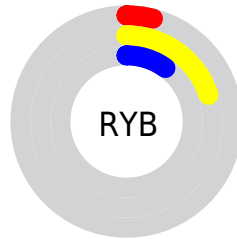
# Distribution



Red (14%)

Green (20%)

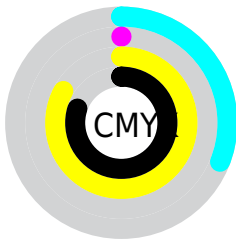
Blue (4%)



Red (4%)

Yellow (20%)

Blue (10%)

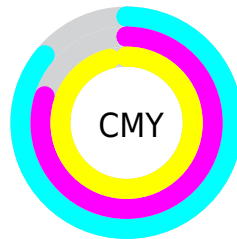


Cyan (31%)

Magenta (0%)

Yellow (83%)

Black (80%)



Cyan (86%)

Magenta (80%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 243409 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 243409 by changing the saturation by 10% instead.



 243409

 243409

 FFFFEC

 0E1F00

 526336

 000000

 6B7B4D

 859565

 9FB07F

 BACB99

 D6E8B4

 F3FFCF

 243409

 243409

■ 223404

■ 26340E

■ 213400

■ 283413

■ 2A3419

■ 2C341E

■ 2E3423

■ 303428

■ 32342D

■ 333433

■ 353438

# Harmonies

## Analogous

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



392E00



243409



03371B

# Triad

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



243409



003652



531C2F

# Complementary

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



243409



190934

# 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.



482142



243409



003157

# Square

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



243409



003844



312951



521F1B

# Rectangle

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



243409



003829



312951



511D35



# Sweetspot

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



243409



3E4534



341909



202419



A3A3A3



242424



# Same Dimension

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



243409



2B4501



0F3409



191A17



385900



88D900



# Inverse Universe

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



190934



1A0145



2E0934



18171A



210059

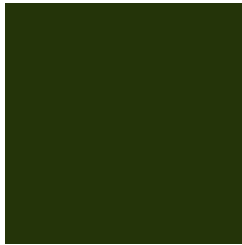


5100D9



# Previews

## White Background



This preview shows how the Hex color 243409 looks on a white background.

## Color Contrast Check

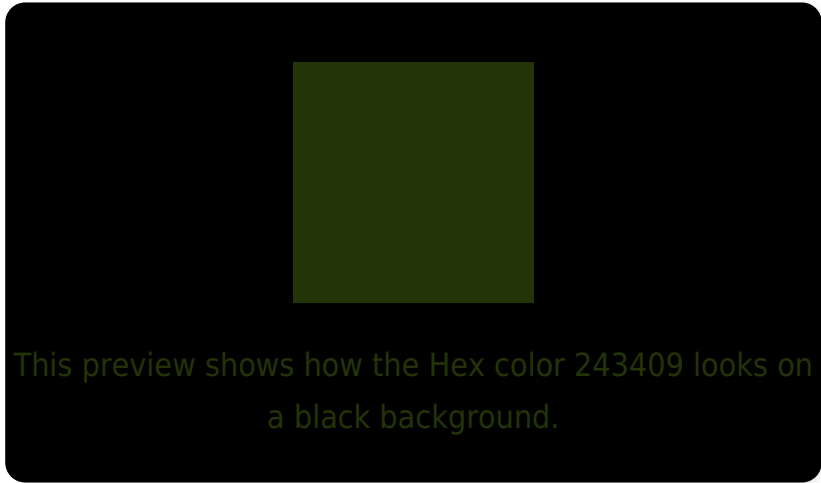
Large Text (above 18pt) WCAG AA ✓ Pass

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

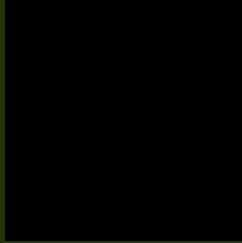
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 243409 Background



This preview shows how black text looks on a background with the Hex color 243409.



This preview shows how white text looks on a background with the Hex color 243409.

# 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](#).

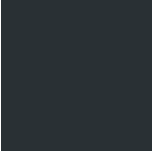
## Dichromacy



**Original Color**  
243409

**Protanopia**  
352F08

**Deuteranopia**  
3B2D0D



**Tritanopia**  
293034

# Trichromacy



**Original Color**  
243409

**Protanomaly**  
2F3108

**Deuteranomaly**  
33300C

**Tritanomaly**  
273124

# Monochromacy



**Original Color**  
243409

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
282E1E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 243409 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 #243409 looks like.

```
.text, #text, p{  
    color:#243409  
}
```

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 #243409 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243409
}
```

## Border

The CSS property to change the border of an element to Hex 243409 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".

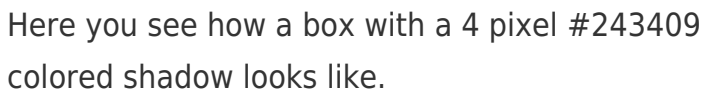
```
.border, #border, table{ border:4px solid
#243409 }
```

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

```
.border{ border-color:#243409 }
```

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

Here you see how a box with a 4 pixel #243409 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243409; -webkit-box-shadow:4px 4px  
4px 4px #243409; box-shadow:4px 4px 4px  
4px #243409 }
```

# Background

The CSS property to change the background color of an element to Hex 243409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243409 }
```

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

```
.background{ background-color:#243409 }
```

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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