

# Converting Colors

Hex(243118)

Have a look what the booklet for  
Hex(243118) contains.

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# Color

**Hex(243118)**

# Conversions

## Conversions Part 1

Format	Color
Hex	243118
RGB	36, 49, 24
RGB Percent	14%, 19%, 9%
CMY	0.8588, 0.8078, 0.9059
CMYK	0.27, 0.00, 0.51, 0.81
HSL	91°, 34%, 14%
HSV	91°, 51%, 19%
XYZ	1.9907, 2.6376, 1.2683
YIQ	42.2630, 0.2770, -10.5310

# Conversions

## Conversions Part 2

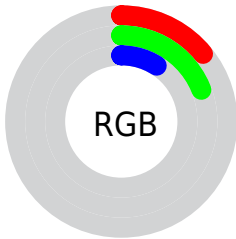
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 49, 37
Decimal	2371864
CIE <sub>Lab</sub>	18.53, -11.01, 14.20
CIE <sub>LCh</sub>	19, 17.967, 127.796
Yxy	2.6376, 0.3376, 0.4473
Android (android.graphics.Color)	4280561944 (0xFF243118)
YUV	42.2630, -9.0037, -5.4927
Hunter-Lab	16.2408, -6.5416, 6.7383

# Details

The Hex color **243118** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **251831**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **515F43**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **213113**, and if you desaturate by 10%, it is **27311D**.

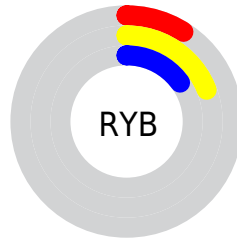
# Distribution



Red (14%)

Green (19%)

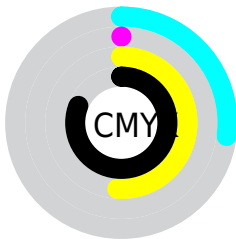
Blue (9%)



Red (9%)

Yellow (19%)

Blue (15%)

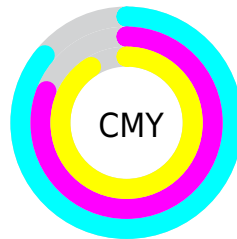


Cyan (27%)

Magenta (0%)

Yellow (51%)

Black (81%)



Cyan (86%)

Magenta (81%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 243118 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 243118 by changing the saturation by 10% instead.



 243118

 243118

 FFFFFB

 111C00

 515F43

 000000

 6A785B

 839274

 9DAC8D

 B8C8A8

 D4E4C3

 F0FFDF

 243118

 243118

■ 213113

■ 27311D

■ 1F310E

■ 293122

■ 1C3109

■ 2C3127

■ 1A3104

■ 2E312C

■ 183100

■ 313131

■ 333135

■ 36313A

■ 38313F

■ 3B3144

# Harmonies

## Analogous

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



322D13



243118



133323

# Triad

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



243118



003145



46232A

# Complementary

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



243118



251831

# 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.



402437



243118



1F2D47

# Square

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



243118



00333D



332842



44251E

# Rectangle

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



243118



03342C



332842



45232F



# Sweetspot

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



243118



3B4036



312518



1E211B



A1A1A1



212121



# Same Dimension

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



243118



2C4019



183118



181A17



2B5900



68D900



# Inverse Universe

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



251831



2D1940



311831



18171A



2E0059

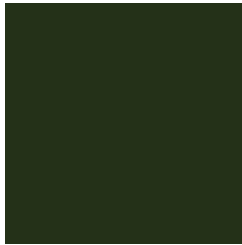


7100D9



# Previews

## White Background



This preview shows how the Hex color 243118 looks on a white background.

## Color Contrast Check

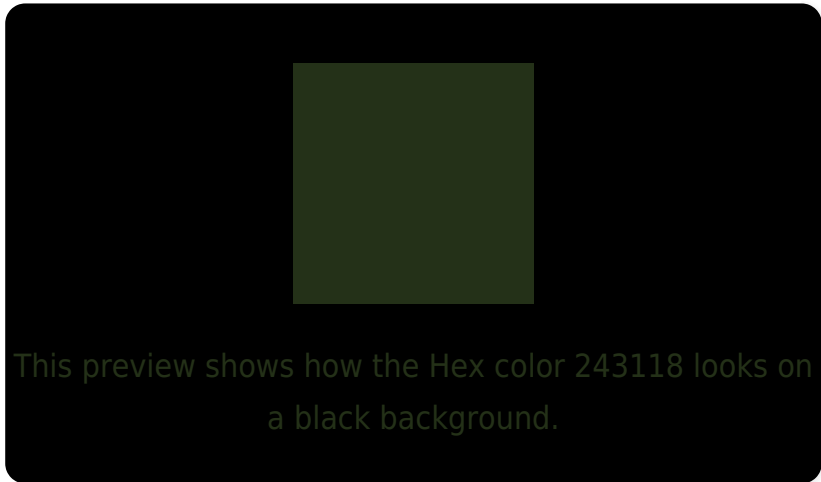
Large Text (above 18pt) WCAG AA ✓ Pass

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

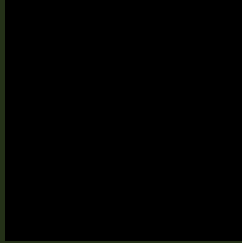
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

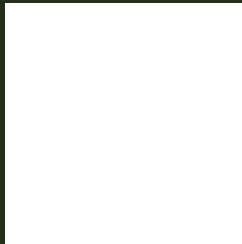
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 243118 Background



This preview shows how black text looks on a background with the Hex color 243118.



This preview shows how white text looks on a background with the Hex color 243118.

# 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**  
243118

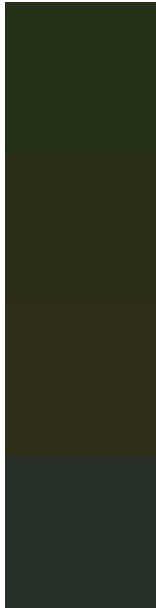
**Protanopia**  
322D17

**Deuteranopia**  
372B1A



**Tritanopia**  
282E32

# Trichromacy



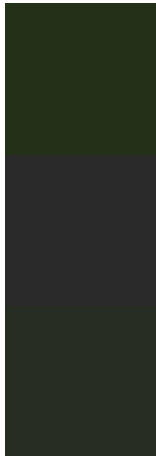
**Original Color**  
243118

**Protanomaly**  
2D2E17

**Deuteranomaly**  
302D19

**Tritanomaly**  
272F29

# Monochromacy



**Original Color**  
243118

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
282D23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 243118 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 #243118 looks like.

```
.text, #text, p{  
    color:#243118  
}
```

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 #243118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243118
}
```

## Border

The CSS property to change the border of an element to Hex 243118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

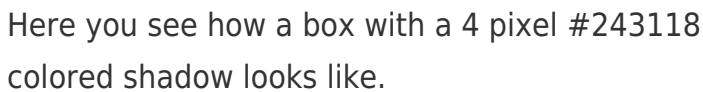
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#243118 }
```

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

```
.border{ border-color:#243118 }
```

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



Here you see how a box with a 4 pixel #243118 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243118; -webkit-box-shadow:4px 4px  
4px 4px #243118; box-shadow:4px 4px 4px  
4px #243118 }
```

# Background

The CSS property to change the background color of an element to Hex 243118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243118 }
```

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

```
.background{ background-color:#243118 }
```

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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