

# Converting Colors

Hex(241700)

Have a look what the booklet for  
Hex(241700) contains.

<b>Hex(241700)</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(241700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	241700
RGB	36, 23, 0
RGB Percent	14%, 9%, 0%
CMY	0.8588, 0.9098, 1.0000
CMYK	0.00, 0.36, 1.00, 0.86
HSL	38°, 100%, 7%
HSV	38°, 100%, 14%
XYZ	1.0340, 0.9879, 0.1362
YIQ	24.2650, 15.1310, -4.3970

# Conversions

## Conversions Part 2

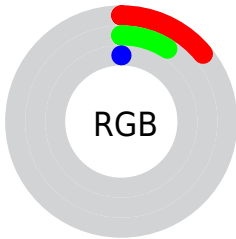
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	20, 36, 0
Decimal	2365184
CIE Lab	8.89, 3.50, 13.38
CIE LCh	9, 13.831, 75.327
Yxy	0.9879, 0.4791, 0.4578
Android (android.graphics.Color)	4280555264 (0xFF241700)
YUV	24.2650, -11.9626, 10.2916
Hunter-Lab	9.9391, 1.1756, 6.1450

# Details

The Hex color **241700** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000D24**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **514230**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **241700**, and if you desaturate by 10%, it is **241804**.

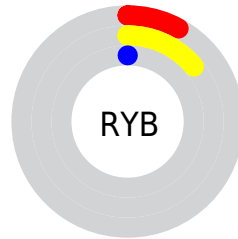
# Distribution



Red (14%)

Green (9%)

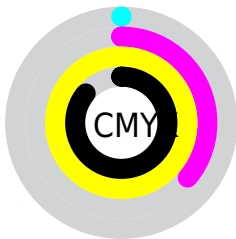
Blue (0%)



Red (8%)

Yellow (14%)

Blue (0%)

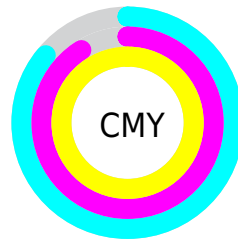


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (86%)



Cyan (86%)

Magenta (91%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 241700 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 241700 by changing the saturation by 10% instead.




 241700

 241700

 FFF9E2

 000000

 514230

 695946

 83715E

 9D8B77

 B8A590

 D4C0AB

 F0DCC6

 241700

■ 241804

■ 241A07

■ 241B0B

■ 241C0E

■ 241D12

■ 241F16

■ 242019

■ 24211D

■ 242320

# Harmonies

## Analogous

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



291409



241700



1C1A00

# Triad

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



241700



001E1E



201526

# Complementary

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



241700



000D24

# Split Complementary

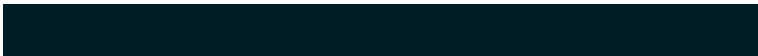
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



13192B



241700



001D26

# Square

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



241700



011E14



011C2B



28121E

# Rectangle

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



241700



151C05



011C2B



1C1628



# Sweetspot

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



241700



2E2920



24000D



17140F



969696



171717



# Same Dimension

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



241700



2E1D00



1F2400



121110



523400



D18600



# Inverse Universe

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



000D24



00112E



050024



101112



001D52

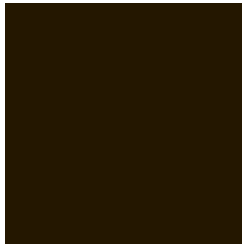


004CD1



# Previews

## White Background



This preview shows how the Hex color 241700 looks on a white background.

## Color Contrast Check

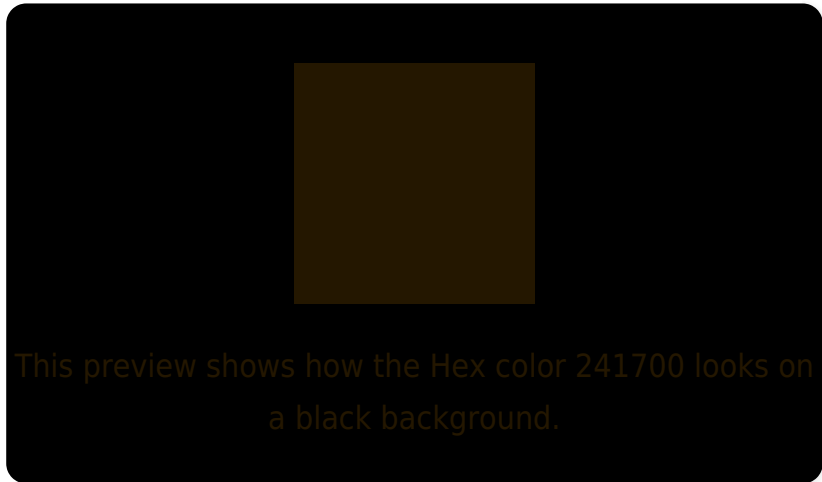
Large Text (above 18pt) WCAG AA ✓ Pass

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

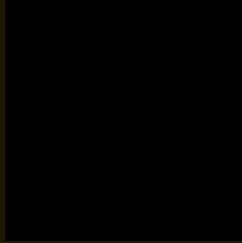
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 241700 Background



This preview shows how black text looks on a background with the Hex color 241700.

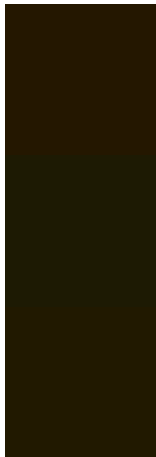


This preview shows how white text looks on a background with the Hex color 241700.

# 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**  
241700

**Protanopia**  
1D1A03

**Deuteranopia**  
211900



**Tritanopia**  
251517

# Trichromacy



**Original Color**  
241700

**Protanomaly**  
201902

**Deuteranomaly**  
221800

**Tritanomaly**  
25160F

# Monochromacy



**Original Color**  
241700

**Achromatopsia**  
181818

**Achromatomaly**  
1C180F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 241700 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 #241700 looks like.

```
.text, #text, p{  
    color:#241700  
}
```

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 #241700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241700
}
```

## Border

The CSS property to change the border of an element to Hex 241700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

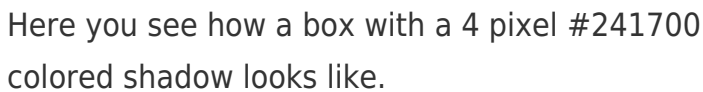
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#241700 }
```

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

```
.border{ border-color:#241700 }
```

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



Here you see how a box with a 4 pixel #241700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241700; -webkit-box-shadow:4px 4px  
4px 4px #241700; box-shadow:4px 4px 4px  
4px #241700 }
```

# Background

The CSS property to change the background color of an element to Hex 241700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241700 }
```

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

```
.background{ background-color:#241700 }
```

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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