

# Converting Colors

Hex(241C00)

Have a look what the booklet for  
Hex(241C00) contains.

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**Color**

**Hex(241C00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	241C00
RGB	36, 28, 0
RGB Percent	14%, 11%, 0%
CMY	0.8588, 0.8902, 1.0000
CMYK	0.00, 0.22, 1.00, 0.86
HSL	47°, 100%, 7%
HSV	47°, 100%, 14%
XYZ	1.1428, 1.2056, 0.1725
YIQ	27.2000, 13.7560, -7.0120

# Conversions

## Conversions Part 2

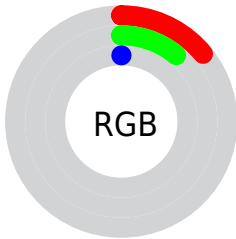
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 36, 0
Decimal	2366464
CIE Lab	10.60, -0.10, 15.81
CIE LCh	11, 15.807, 90.370
Yxy	1.2056, 0.4533, 0.4782
Android (android.graphics.Color)	4280556544 (0xFF241C00)
YUV	27.2000, -13.4096, 6.7176
Hunter-Lab	10.9799, -0.6361, 6.7546

# Details

The Hex color **241C00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000824**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **51472F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **241C00**, and if you desaturate by 10%, it is **241D04**.

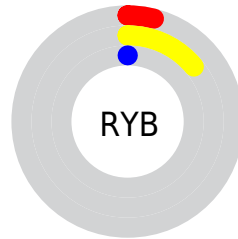
# Distribution



Red (14%)

Green (11%)

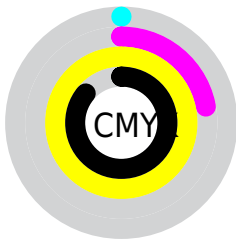
Blue (0%)



Red (4%)

Yellow (14%)

Blue (0%)

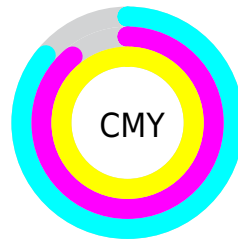


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (86%)



Cyan (86%)

Magenta (89%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 241C00 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 241C00 by changing the saturation by 10% instead.



 241C00

 241C00

 FFFFE2

 030200

 51472F

 000000

 695F46

 83785E

 9D9176

 B8AC90

 D4C7AB

 F0E3C6

 241C00

■ 241D04

■ 241E07

■ 241E0B

■ 241F0E

■ 242012

■ 242116

■ 242219

■ 24221D

■ 242320

# Harmonies

## Analogous

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



2C1805



241C00



191F05

# Triad

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



241C00



002227



2A1627

# Complementary

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



241C00



000824

# 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.



1D1A2F



241C00



00212F

# Square

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



241C00



00221C



091E32



30141D

# Rectangle

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



241C00



10210D



091E32



27172A



# Sweetspot

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



241C00



2E2B20



240008



17150F



969696



171717



# Same Dimension

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



241C00



2E2400



1A2400



121110



523F00



D1A300



# Inverse Universe

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



000824



000A2E



0A0024



101012



001252

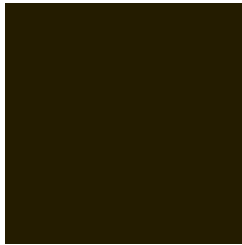


002ED1



# Previews

## White Background



This preview shows how the Hex color 241C00 looks on a white background.

## Color Contrast Check

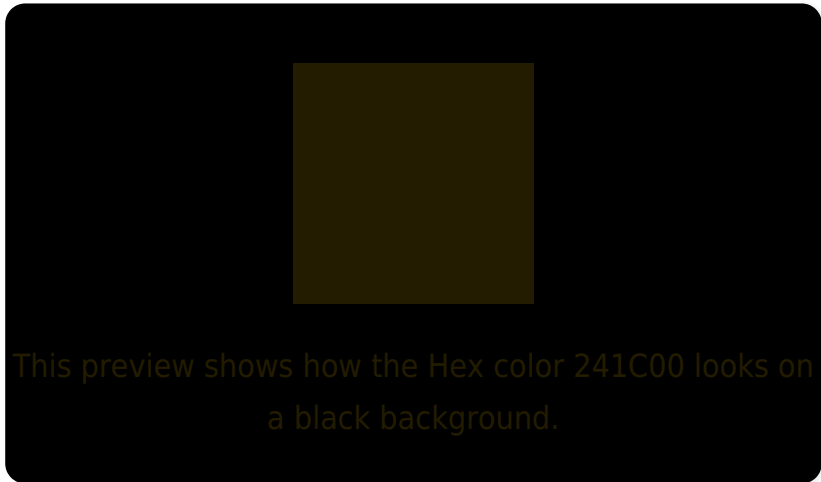
Large Text (above 18pt) WCAG AA ✓ Pass

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

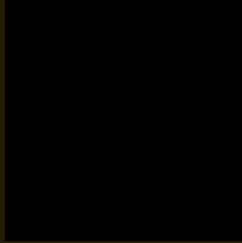
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 241C00 Background



This preview shows how black text looks on a background with the Hex color 241C00.



This preview shows how white text looks on a background with the Hex color 241C00.

# 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**  
241C00

**Protanopia**  
211D02

**Deuteranopia**  
251C02



# Trichromacy



**Original Color**  
241C00

**Protanomaly**  
221D01

**Deuteranomaly**  
251C01

**Tritanomaly**  
251B12

# Monochromacy



**Original Color**  
241C00

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
1E1B11

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 241C00 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 #241C00 looks like.

```
.text, #text, p{  
    color:#241C00  
}
```

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 #241C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241C00
}
```

## Border

The CSS property to change the border of an element to Hex 241C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

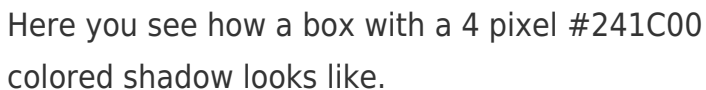
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#241C00 }
```

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

```
.border{ border-color:#241C00 }
```

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



Here you see how a box with a 4 pixel #241C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241C00; -webkit-box-shadow:4px 4px  
4px 4px #241C00; box-shadow:4px 4px 4px  
4px #241C00 }
```

# Background

The CSS property to change the background color of an element to Hex 241C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241C00 }
```

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

```
.background{ background-color:#241C00 }
```

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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