

# Converting Colors

Hex(241A1A)

Have a look what the booklet for  
Hex(241A1A) contains.

<b>Hex(241A1A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(241A1A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	241A1A
RGB	36, 26, 26
RGB Percent	14%, 10%, 10%
CMY	0.8588, 0.8980, 0.8980
CMYK	0.00, 0.28, 0.28, 0.86
HSL	0°, 16%, 12%
HSV	0°, 28%, 14%
XYZ	1.2834, 1.1884, 1.1390
YIQ	28.9900, 5.9600, 2.1200

# Conversions

## Conversions Part 2

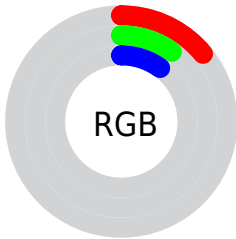
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 26, 26
Decimal	2365978
CIELab	10.47, 4.96, 1.90
CIELCh	10, 5.312, 20.958
Yxy	1.1884, 0.3554, 0.3291
Android (android.graphics.Color)	4280556058 (0xFF241A1A)
YUV	28.9900, -1.4741, 6.1478
Hunter-Lab	10.9016, 1.9365, 1.4363

# Details

The Hex color **241A1A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1A2424**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **514545**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **241616**, and if you desaturate by 10%, it is **241E1E**.

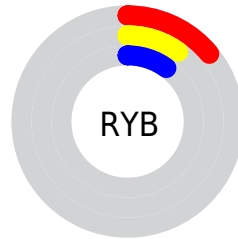
# Distribution



Red (14%)

Green (10%)

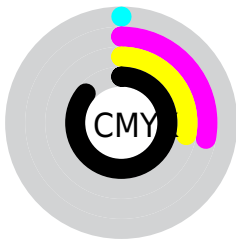
Blue (10%)



Red (14%)

Yellow (10%)

Blue (10%)

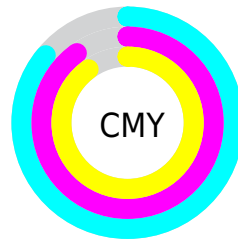


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (86%)



Cyan (86%)

Magenta (90%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 241A1A 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 241A1A by changing the saturation by 10% instead.



■ 241A1A

■ 241A1A

■ FFFDFD

■ 0F0000

■ 514545

■ 000000

■ 695D5C

■ 827575

■ 9C8F8F

■ B7A9A9

■ D3C5C4

■ EFE0E0

■ 241A1A

■ 241A1A

■ 241616

■ 241E1E

■ 241313

■ 242121

■ 240F0F

■ 242525

■ 240C0C

■ 242828

■ 240808

■ 242C2C

■ 240404

■ 243030

■ 240101

■ 243333

■ 240000

■ 243737

■ 243A3A

# Harmonies

## Analogous

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



231A1E



241A1A



231B17

# Triad

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



241A1A



181E18



171D23

# Complementary

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



241A1A



1A2424

# 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.



141E22



241A1A



151E1B

# Square

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



241A1A



1D1D16



131E1F



1C1C23

# Rectangle

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



241A1A



211B16



131E1F



161D23



# Sweetspot

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



241A1A



2E2A2A



241A24



171515



969696



171717



# Same Dimension

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



241A1A



2E1F1F



241F1A



121010



520000



D10000



# Inverse Universe

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



1A2424



1F2E2E



1A1F24



101212



005252

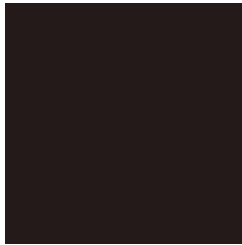


00D1D1



# Previews

## White Background



This preview shows how the Hex color 241A1A looks on a white background.

## Color Contrast Check

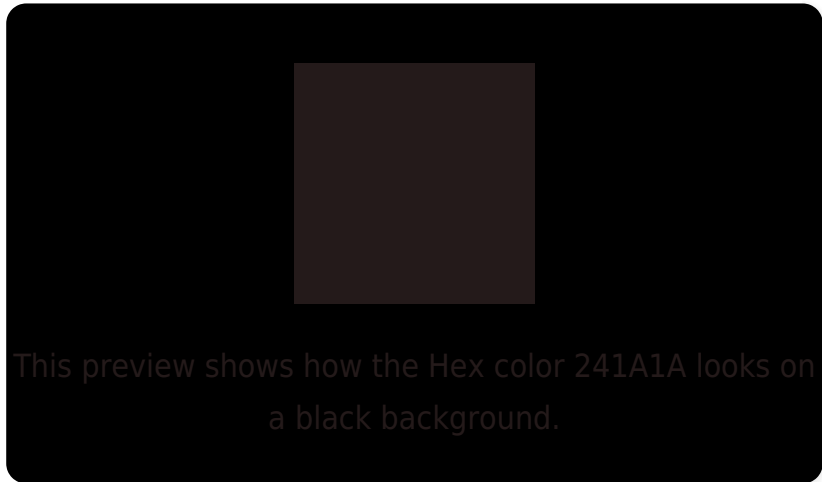
Large Text (above 18pt) WCAG AA ✓ Pass

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

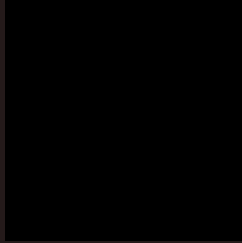
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

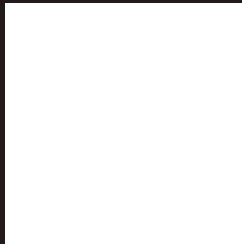
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 241A1A Background



This preview shows how black text looks on a background with the Hex color 241A1A.

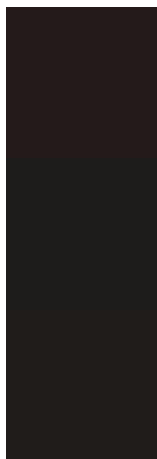


This preview shows how white text looks on a background with the Hex color 241A1A.

# 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**

241A1A

**Protanopia**

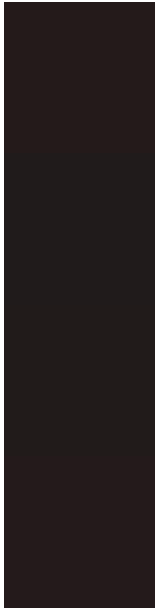
1D1C1B

**Deuteranopia**

201C1A



# Trichromacy



**Original Color**

241A1A

**Protanomaly**

201B1B

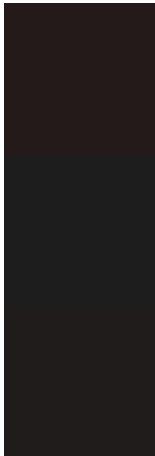
**Deuteranomaly**

211B1A

**Tritanomaly**

241A1B

# Monochromacy



**Original Color**

241A1A

**Achromatopsia**

1D1D1D

**Achromatomaly**

201C1C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 241A1A 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 #241A1A looks like.

```
.text, #text, p{  
    color:#241A1A  
}
```

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 #241A1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241A1A
}
```

## Border

The CSS property to change the border of an element to Hex 241A1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

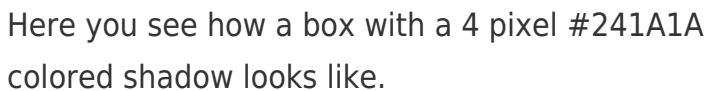
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#241A1A }
```

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

```
.border{ border-color:#241A1A }
```

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



Here you see how a box with a 4 pixel #241A1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241A1A; -webkit-box-shadow:4px 4px  
4px 4px #241A1A; box-shadow:4px 4px 4px  
4px #241A1A }
```

# Background

The CSS property to change the background color of an element to Hex 241A1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241A1A }
```

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

```
.background{ background-color:#241A1A }
```

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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