

# Converting Colors

Hex(3B241B)

Have a look what the booklet for  
Hex(3B241B) contains.

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# Color

**Hex(3B241B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B241B
RGB	59, 36, 27
RGB Percent	23%, 14%, 11%
CMY	0.7686, 0.8588, 0.8941
CMYK	0.00, 0.39, 0.54, 0.77
HSL	17°, 37%, 17%
HSV	17°, 54%, 23%
XYZ	2.6323, 2.2707, 1.3365
YIQ	41.8510, 16.5970, 2.0770

# Conversions

## Conversions Part 2

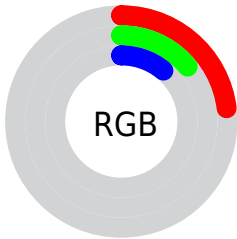
Format	Color
<b>RYB</b>	59, 40, 27
Decimal	3875867
CIELab	16.85, 9.69, 10.50
CIElCh	17, 14.288, 47.298
Yxy	2.2707, 0.4219, 0.3639
Android (android.graphics.Color)	4282065947 (0xFF3B241B)
YUV	41.8510, -7.3215, 15.0397
Hunter-Lab	15.0688, 4.8114, 5.2897

# Details

The Hex color **3B241B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1B323B**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **6C5146**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B2015**, and if you desaturate by 10%, it is **3B2821**.

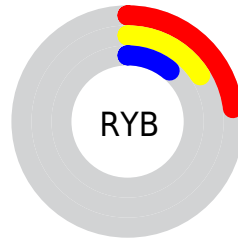
# Distribution



Red (23%)

Green (14%)

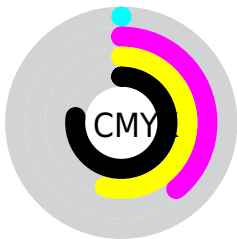
Blue (11%)



Red (23%)

Yellow (16%)

Blue (11%)

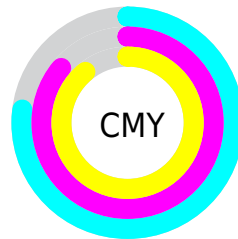


Cyan (0%)

Magenta (39%)

Yellow (54%)

Black (77%)



Cyan (77%)

Magenta (86%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B241B 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 3B241B by changing the saturation by 10% instead.





3B241B



3B241B

FFFFFF



260F00



6C5146



000000



85695E



A08277



BB9C90



D7B7AB



F4D3C6



FFEFE2



3B241B



3B241B

■ 3B2015

■ 3B2821

■ 3B1C0F

■ 3B2C27

■ 3B1709

■ 3B312D

■ 3B1303

■ 3B3533

■ 3B1100

■ 3B3939

■ 3B3D3E

■ 3B4244

■ 3B464A

■ 3B4A50

# Harmonies

## Analogous

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



3E2224



3B241B



342716

# Triad

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



3B241B



122F25



24293D

# Complementary

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



3B241B



1B323B

# 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.



132C3D



3B241B



052F2F

# Square

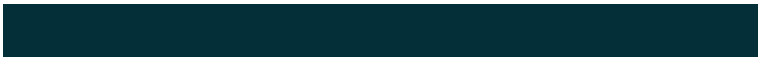
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3B241B



1F2D1B



042E38



322537

# Rectangle

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



3B241B



2E2A15



042E38



1F2A3E



# Sweetspot

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



3B241B



4D4440



3B1B32



26211F



A6A6A6



262626



# Same Dimension

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



3B241B



4D291B



3B341B



1F1C1C



5E1B00



DE3E00



# Inverse Universe

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



1B323B



1B3F4D



1B223B



1C1E1F



00445E

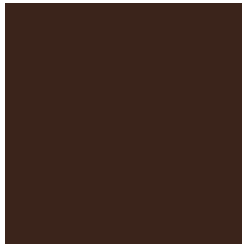


009FDE



# Previews

## White Background



This preview shows how the Hex color 3B241B looks on a white background.

## Color Contrast Check

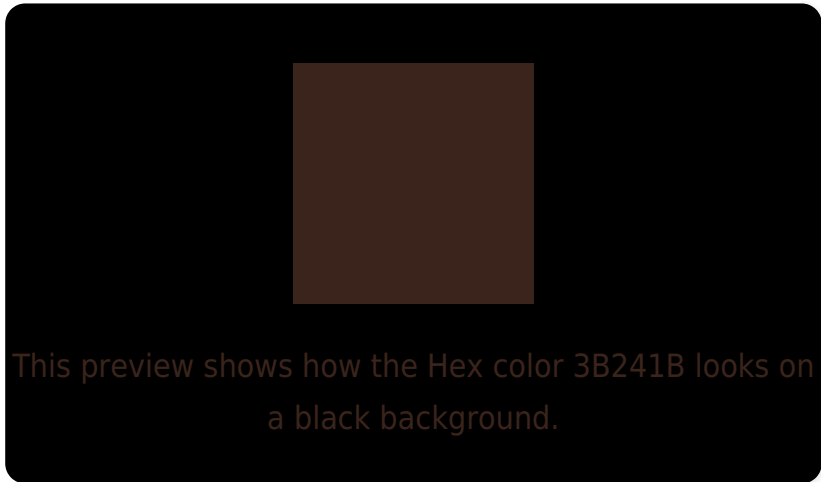
Large Text (above 18pt) WCAG AA ✓ Pass

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

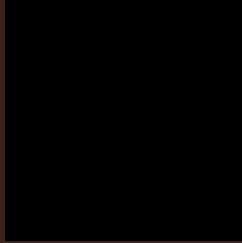
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B241B Background



This preview shows how black text looks on a background with the Hex color 3B241B.

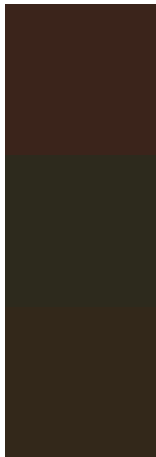


This preview shows how white text looks on a background with the Hex color 3B241B.

# 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**  
3B241B

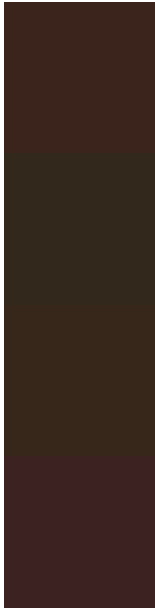
**Protanopia**  
2D2A1D

**Deuteranopia**  
33281A



**Tritanopia**  
3C2325

# Trichromacy



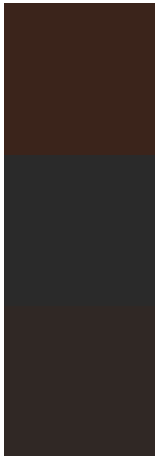
**Original Color**  
3B241B

**Protanomaly**  
32281C

**Deuteranomaly**  
36271A

**Tritanomaly**  
3C2321

# Monochromacy



**Original Color**  
3B241B

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
302825

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B241B 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 #3B241B looks like.

```
.text, #text, p{  
    color:#3B241B  
}
```

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 #3B241B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B241B
}
```

## Border

The CSS property to change the border of an element to Hex 3B241B is called "border". The border property can be set on classes, ids or directly on the HTML element.

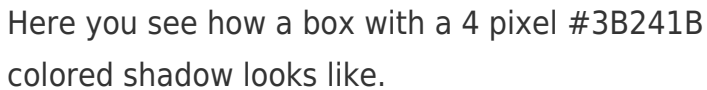
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B241B }
```

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

```
.border{ border-color:#3B241B }
```

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



Here you see how a box with a 4 pixel #3B241B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B241B; -webkit-box-shadow:4px 4px  
4px 4px #3B241B; box-shadow:4px 4px 4px  
4px #3B241B }
```

# Background

The CSS property to change the background color of an element to Hex 3B241B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B241B }
```

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

```
.background{ background-color:#3B241B }
```

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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