

Converting Colors

Hex(3D241C)

Have a look what the booklet for
Hex(3D241C) contains.

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Color

Hex(3D241C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 3D241C |
| RGB | 61, 36, 28 |
| RGB Percent | 24%, 14%, 11% |
| CMY | 0.7608, 0.8588, 0.8902 |
| CMYK | 0.00, 0.41, 0.54, 0.76 |
| HSL | 15°, 37%, 17% |
| HSV | 15°, 54%, 24% |
| XYZ | 2.7649, 2.3377, 1.4041 |
| YIQ | 42.5630, 17.4680, 2.8120 |

Conversions

Conversions Part 2

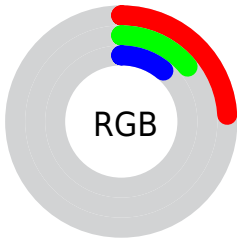
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 61, 39, 28 |
| Decimal | 4006940 |
| CIELab | 17.17, 10.81, 10.29 |
| CIElCh | 17, 14.921, 43.579 |
| Yxy | 2.3377, 0.4249, 0.3593 |
| Android (android.graphics.Color) | 4282197020 (0xFF3D241C) |
| YUV | 42.5630, -7.1796, 16.1692 |
| Hunter-Lab | 15.2895, 5.5232, 5.2578 |

Details

The Hex color **3D241C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1C353D**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6E5147**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3D1F16**, and if you desaturate by 10%, it is **3D2922**.

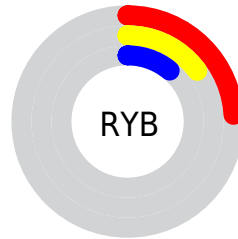
Distribution



Red (24%)

Green (14%)

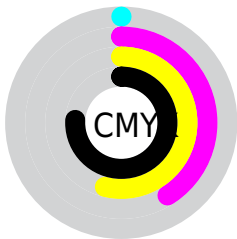
Blue (11%)



Red (24%)

Yellow (15%)

Blue (11%)

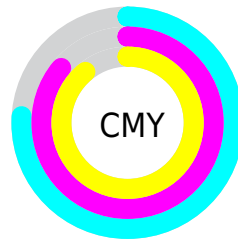


Cyan (0%)

Magenta (41%)

Yellow (54%)

Black (76%)



Cyan (76%)

Magenta (86%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D241C 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 3D241C by changing the saturation by 10% instead.

■ 3D241C

■ 3D241C

FFFFFF

■ 270F02

■ 6E5147

■ 000000

■ 88695F

■ A38278

■ BE9C92

■ DAB7AC

■ F7D3C7

■ FFEFE3

■ 3D241C

■ 3D241C

■ 3D1F16

■ 3D2922

■ 3D1B10

■ 3D2D28

■ 3D160A

■ 3D322E

■ 3D1204

■ 3D3634

■ 3D0F00

■ 3D3B3B

■ 3D4041

■ 3D4447

■ 3D494D

■ 3D4E53

Harmonies

Analogous

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



3F2226



3D241C



362816

Triad

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



3D241C



133024



232A3F

Complementary

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



3D241C



1C353D

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.



102D3F



3D241C



04302F

Square

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



3D241C



212E1A



002F39



32263A

Rectangle

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



3D241C



302A15



002F39



1D2B3F

Sweetspot

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



3D241C



4F4542



3D1C35



292321



A8A8A8



292929

Same Dimension

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



3D241C



4F281C



3D341C



1F1C1C



5E1700



DE3600

Inverse Universe

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



1C353D



1C434F



1C253D



1C1E1F



00475E



00A8DE

Previews

White Background



This preview shows how the Hex color 3D241C looks on a white background.

Color Contrast Check

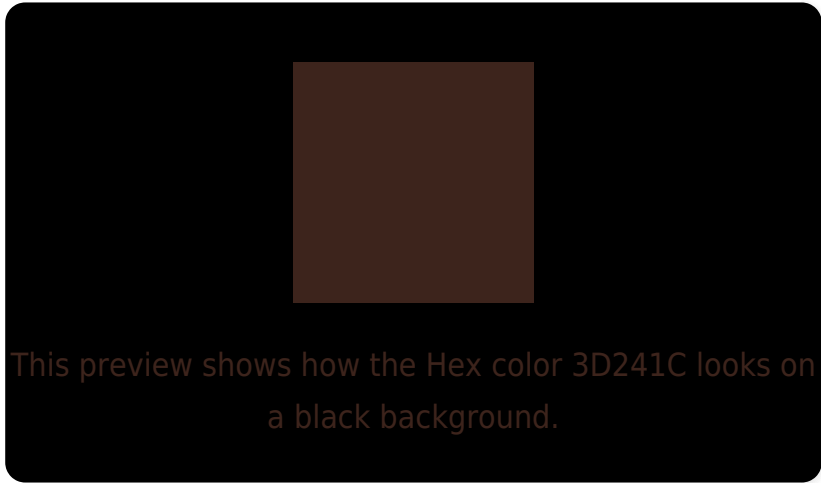
Large Text (above 18pt) WCAG AA ✓ Pass

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

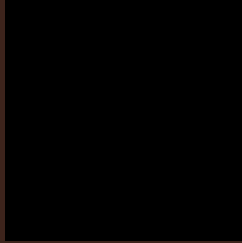
Any Text WCAG AA × Fail

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 3D241C Background



This preview shows how black text looks on a background with the Hex color 3D241C.

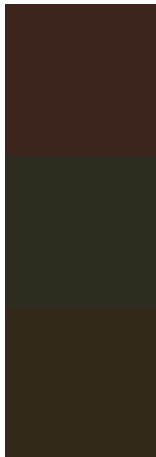


This preview shows how white text looks on a background with the Hex color 3D241C.

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
3D241C

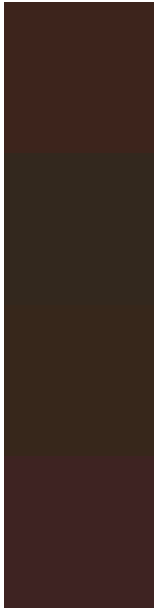
Protanopia
2E2B1F

Deuteranopia
33291B



Tritanopia
3E2325

Trichromacy



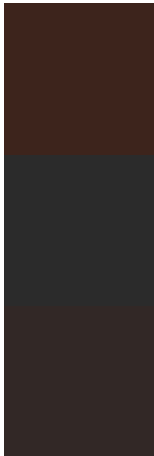
Original Color
3D241C

Protanomaly
33281E

Deuteranomaly
37271B

Tritanomaly
3E2322

Monochromacy



Original Color
3D241C

Achromatopsia
2B2B2B

Achromatomaly
322826

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D241C 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 #3D241C looks like.

```
.text, #text, p{  
    color:#3D241C  
}
```

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 #3D241C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D241C  
}
```

Border

The CSS property to change the border of an element to Hex 3D241C is called "border". The border property can be set on classes, ids or directly on the HTML element.

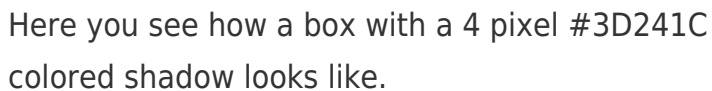
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3D241C }
```

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

```
.border{ border-color:#3D241C }
```

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



Here you see how a box with a 4 pixel #3D241C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D241C; -webkit-box-shadow:4px 4px  
4px 4px #3D241C; box-shadow:4px 4px 4px  
4px #3D241C }
```

Background

The CSS property to change the background color of an element to Hex 3D241C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D241C }
```

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

```
.background{ background-color:#3D241C }
```

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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