

Converting Colors

Hex(3B1E2C)

Have a look what the booklet for
Hex(3B1E2C) contains.

Hex(3B1E2C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3B1E2C)

Conversions

Conversions Part 1

Format	Color
Hex	3B1E2C
RGB	59, 30, 44
RGB Percent	23%, 12%, 17%
CMY	0.7686, 0.8824, 0.8275
CMYK	0.00, 0.49, 0.25, 0.77
HSL	331°, 33%, 17%
HSV	331°, 49%, 23%
XYZ	2.7225, 2.0402, 2.6332
YIQ	40.2670, 12.7900, 10.5020

Conversions

Conversions Part 2

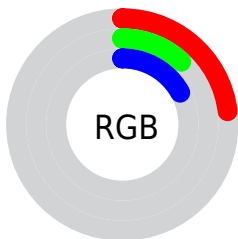
Format	Color
R_{YB}	59, 30, 44
Decimal	3874348
CIE _{Lab}	15.70, 16.36, -3.19
CIE _{LCh}	16, 16.668, 348.977
Yxy	2.0402, 0.3681, 0.2759
Android (android.graphics.Color)	4282064428 (0xFF3B1E2C)
YUV	40.2670, 1.8404, 16.4288
Hunter-Lab	14.2836, 9.0269, -0.9316

Details

The Hex color **3B1E2C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E3B2D**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6B4B59**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B1829**, and if you desaturate by 10%, it is **3B242F**.

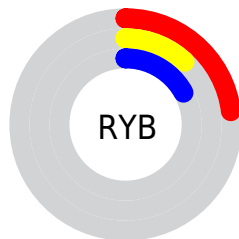
Distribution



Red (23%)

Green (12%)

Blue (17%)



Red (23%)

Yellow (12%)

Blue (17%)

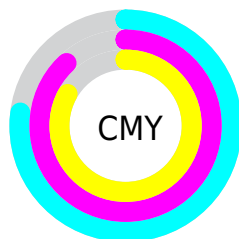


Cyan (0%)

Magenta (49%)

Yellow (25%)

Black (77%)



Cyan (77%)

Magenta (88%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B1E2C 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 3B1E2C by changing the saturation by 10% instead.

■ 3B1E2C

■ 3B1E2C

FFFFFF

■ 250818

■ 6B4B59

■ 000000

■ 856372

■ 9F7C8B

■ BA96A6

■ D6B0C1

■ F3CCDD

■ FFE8F9

■ 3B1E2C

■ 3B1E2C

■ 3B1829

■ 3B242F

■ 3B1226

■ 3B2A32

■ 3B0C23

■ 3B3035

■ 3B0620

■ 3B3638

■ 3B001D

■ 3B3B3B

■ 3B001C

■ 3B413E

■ 3B4741

■ 3B4D44

■ 3B5347

Harmonies

Analogous

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



322137



3B1E2C



3E1E20

Triad

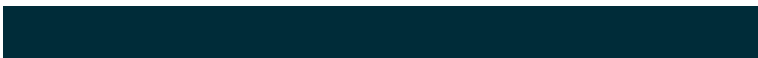
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3B1E2C



272910



002C39

Complementary

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



3B1E2C



1E3B2D

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.



002D2E



3B1E2C



192C17

Square

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



3B1E2C



32250F



072D22



0A2A3E

Rectangle

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



3B1E2C



3C2019



072D22



002D36

Sweetspot

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



3B1E2C



4D4147



2D1E3B



261F23



A6A6A6



262626

Same Dimension

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



3B1E2C



4D1F35



3B1E1E



1F1C1D



5E002E



DE006B

Inverse Universe

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



3B1E2C



4D1F35



1E3B3B



1F1C1D



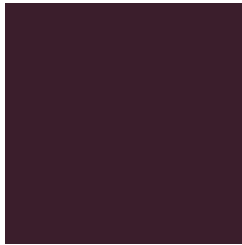
5E002E



DE006B

Previews

White Background



This preview shows how the Hex color 3B1E2C looks on a white background.

Color Contrast Check

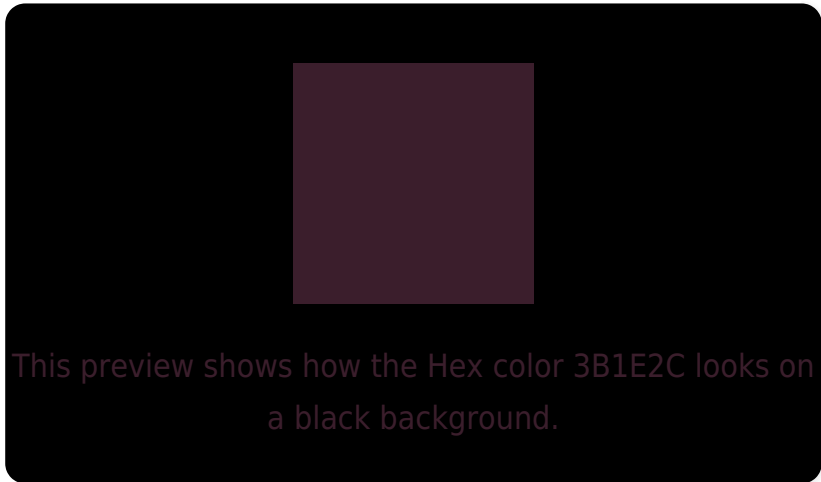
Large Text (above 18pt) WCAG AA ✓ Pass

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

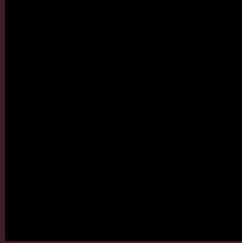
Any Text WCAG AA × Fail

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 3B1E2C Background



This preview shows how black text looks on a background with the Hex color 3B1E2C.



This preview shows how white text looks on a background with the Hex color 3B1E2C.

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

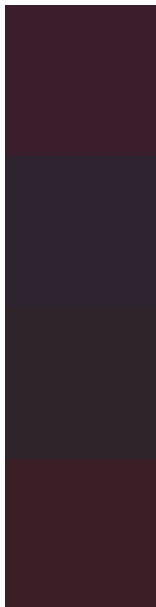


Original Color
3B1E2C

Protanopia
252732

Deuteranopia
2A272B

Trichromacy



Original Color

3B1E2C

Protanomaly

2D2430

Deuteranomaly

30242B

Tritanomaly

3A1F26

Monochromacy



Original Color

3B1E2C

Achromatopsia

282828

Achromatomaly

2F2429

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B1E2C 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 #3B1E2C looks like.

```
.text, #text, p{  
    color:#3B1E2C  
}
```

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 #3B1E2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B1E2C
}
```

Border

The CSS property to change the border of an element to Hex 3B1E2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

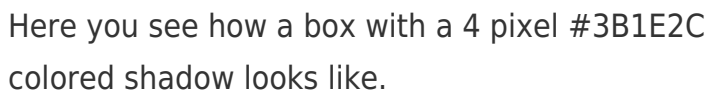
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B1E2C }
```

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

```
.border{ border-color:#3B1E2C }
```

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



Here you see how a box with a 4 pixel #3B1E2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B1E2C; -webkit-box-shadow:4px 4px  
4px 4px #3B1E2C; box-shadow:4px 4px 4px  
4px #3B1E2C }
```

Background

The CSS property to change the background color of an element to Hex 3B1E2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B1E2C }
```

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

```
.background{ background-color:#3B1E2C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor