

# Converting Colors

Hex(3B321D)

Have a look what the booklet for  
Hex(3B321D) contains.

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# Color

Hex(3B321D)

# Conversions

## Conversions Part 1

Format	Color
Hex	3B321D
RGB	59, 50, 29
RGB Percent	23%, 20%, 11%
CMY	0.7686, 0.8039, 0.8863
CMYK	0.00, 0.15, 0.51, 0.77
HSL	42°, 34%, 17%
HSV	42°, 51%, 23%
XYZ	3.1660, 3.2997, 1.6324
YIQ	50.2970, 12.1050, -4.6230

# Conversions

## Conversions Part 2

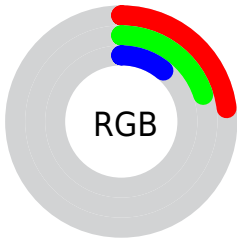
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 59, 29
Decimal	3879453
CIE <sub>Lab</sub>	21.21, 0.51, 14.83
CIE <sub>LCh</sub>	21, 14.841, 88.050
Yxy	3.2997, 0.3910, 0.4075
Android (android.graphics.Color)	4282069533 (0xFF3B321D)
YUV	50.2970, -10.4994, 7.6325
Hunter-Lab	18.1651, -0.6782, 7.3874

# Details

The Hex color **3B321D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1D263B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **6B6049**, and **080400** is the 20% darker color. If you saturate the color by 10%, you get **3B3017**, and if you desaturate by 10%, it is **3B3423**.

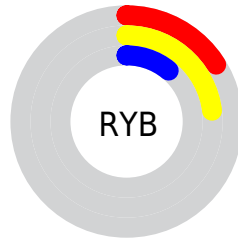
# Distribution



Red (23%)

Green (20%)

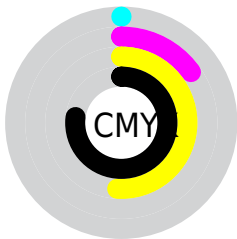
Blue (11%)



Red (16%)

Yellow (23%)

Blue (11%)

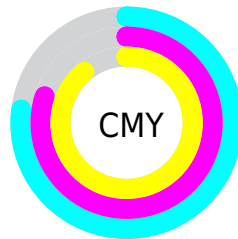


Cyan (0%)

Magenta (15%)

Yellow (51%)

Black (77%)



Cyan (77%)

Magenta (80%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B321D 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 3B321D by changing the saturation by 10% instead.





3B321D



3B321D

FFFFFF



251D05



6B6049



080400



857961



000000



9F937A



BAAD94



D6C8AE



F3E4CA



FFFFE6



3B321D



3B321D

■ 3B3017

■ 3B3423

■ 3B2E11

■ 3B3629

■ 3B2D0B

■ 3B372F

■ 3B2B05

■ 3B3935

■ 3B2900

■ 3B3B3B

■ 3B3D40

■ 3B3E46

■ 3B404C

■ 3B4252

# Harmonies

## Analogous

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



442E21



3B321D



30351F

# Triad

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



3B321D



0C393D



402D3F

# Complementary

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



3B321D



1D263B

# 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.



333046



3B321D



123745

# Square

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



3B321D



153932



233449



472B34

# Rectangle

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



3B321D



273724



233449



3C2E42



# Sweetspot

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



3B321D



4D4941



3B1D26



26241F



A6A6A6



262626



# Same Dimension

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



3B321D



4D3F1E



353B1D



1F1E1C



5E4200



DE9B00



# Inverse Universe

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



1D263B



1E2C4D



231D3B



1C1C1F



001C5E



0043DE



# Previews

## White Background



This preview shows how the Hex color 3B321D looks on a white background.

## Color Contrast Check

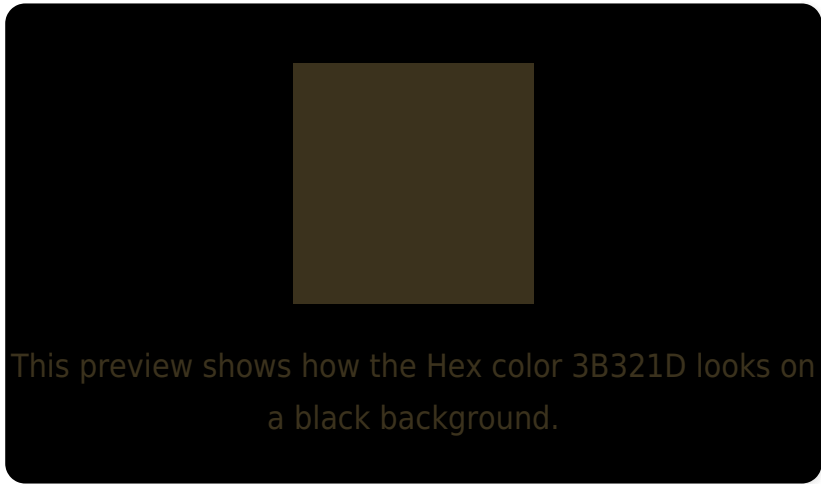
Large Text (above 18pt) WCAG AA ✓ Pass

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

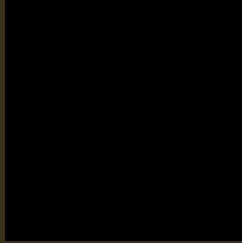
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B321D Background



This preview shows how black text looks on a background with the Hex color 3B321D.

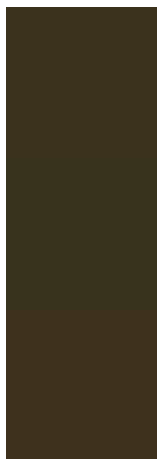


This preview shows how white text looks on a background with the Hex color 3B321D.

# 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**  
3B321D

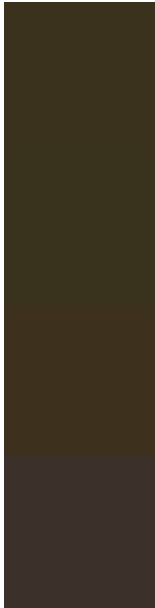
**Protanopia**  
38331D

**Deuteranopia**  
3E311D



**Tritanopia**  
3D2F33

# Trichromacy



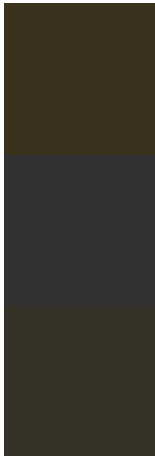
**Original Color**  
3B321D

**Protanomaly**  
39331D

**Deuteranomaly**  
3D311D

**Tritanomaly**  
3C302B

# Monochromacy



**Original Color**  
3B321D

**Achromatopsia**  
323232

**Achromatomaly**  
35322A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B321D 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 #3B321D looks like.

```
.text, #text, p{  
    color:#3B321D  
}
```

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 #3B321D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B321D
}
```

## Border

The CSS property to change the border of an element to Hex 3B321D 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
#3B321D }
```

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

```
.border{ border-color:#3B321D }
```

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

Here you see how a box with a 4 pixel #3B321D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B321D; -webkit-box-shadow:4px 4px  
4px 4px #3B321D; box-shadow:4px 4px 4px  
4px #3B321D }
```

# Background

The CSS property to change the background color of an element to Hex 3B321D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B321D }
```

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

```
.background{ background-color:#3B321D }
```

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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