

Converting Colors

Hex(3B310A)

Have a look what the booklet for
Hex(3B310A) contains.

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Color

Hex(3B310A)

Conversions

Conversions Part 1

Format	Color
Hex	3B310A
RGB	59, 49, 10
RGB Percent	23%, 19%, 4%
CMY	0.7686, 0.8078, 0.9608
CMYK	0.00, 0.17, 0.83, 0.77
HSL	48°, 71%, 14%
HSV	48°, 83%, 23%
XYZ	2.9567, 3.1483, 0.7390
YIQ	47.5440, 18.4790, -10.0090

Conversions

Conversions Part 2

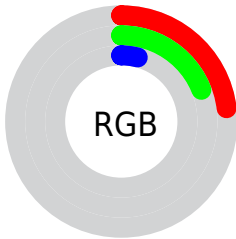
Format	Color
R_{YB}	23, 59, 10
Decimal	3879178
CIE Lab	20.63, -0.63, 25.00
CIE LCh	21, 25.004, 91.444
Yxy	3.1483, 0.4320, 0.4600
Android (android.graphics.Color)	4282069258 (0xFF3B310A)
YUV	47.5440, -18.5092, 10.0469
Hunter-Lab	17.7436, -1.3066, 9.9511

Details

The Hex color **3B310A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A143B**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **6C5F36**, and **020300** is the 20% darker color. If you saturate the color by 10%, you get **3B3004**, and if you desaturate by 10%, it is **3B3210**.

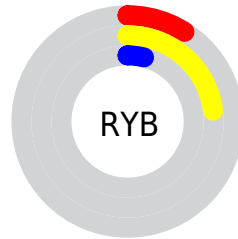
Distribution



Red (23%)

Green (19%)

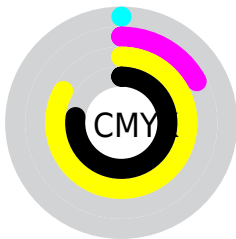
Blue (4%)



Red (9%)

Yellow (23%)

Blue (4%)

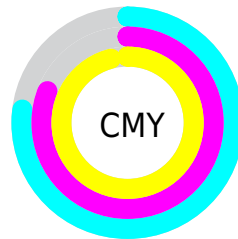


Cyan (0%)

Magenta (17%)

Yellow (83%)

Black (77%)



Cyan (77%)

Magenta (81%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B310A 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 3B310A by changing the saturation by 10% instead.

 3B310A

 3B310A

 FFFFEC

 241C00

 6C5F36

 020300

 86784E

 000000

 A19166

 BCAC7F

 D9C79A

 F5E3B4

 FFFFD0

 3B310A

 3B310A

■ 3B3004

■ 3B3210

■ 3B2F00

■ 3B3316

■ 3B351C

■ 3B3622

■ 3B3727

■ 3B382D

■ 3B3933

■ 3B3B39

■ 3B3C3F

Harmonies

Analogous

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



4A2A11



3B310A



283610

Triad

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



3B310A



003A44



492544

Complementary

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



3B310A



0A143B

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.



342C51



3B310A



003852

Square

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



3B310A



003B32



0B3356



532132

Rectangle

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



3B310A



19381A



0B3356



432749

Sweetspot

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



3B310A



4D4939



3B0A15



26241B



A6A6A6



262626

Same Dimension

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



3B310A



4D3D00



2D3B0A



1F1E1C



5E4B00



DEB100

Inverse Universe

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



0A143B



00104D



180A3B



1C1C1F



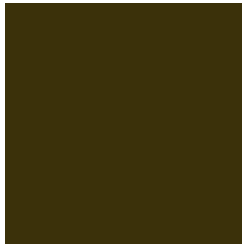
00135E



002DDE

Previews

White Background



This preview shows how the Hex color 3B310A looks on a white background.

Color Contrast Check

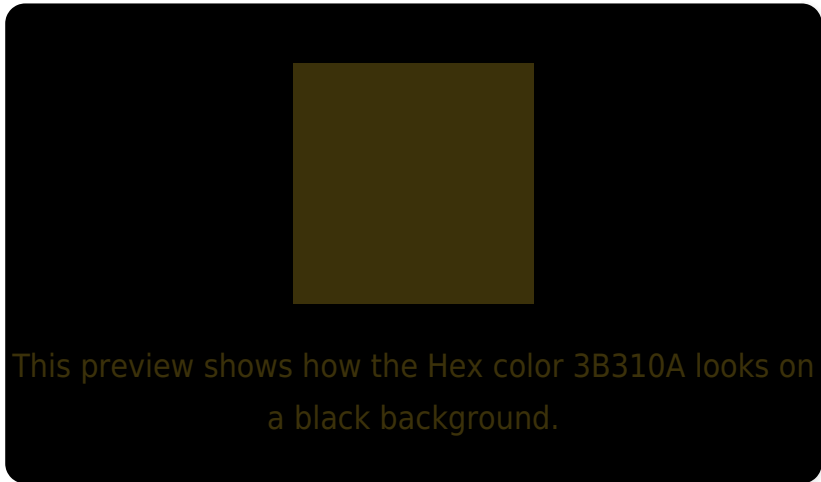
Large Text (above 18pt) WCAG AA ✓ Pass

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

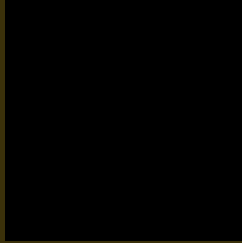
Any Text WCAG AA × Fail

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 3B310A Background



This preview shows how black text looks on a background with the Hex color 3B310A.

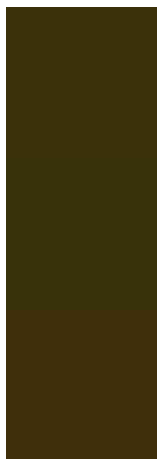


This preview shows how white text looks on a background with the Hex color 3B310A.

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

3B310A

Protanopia

38320A

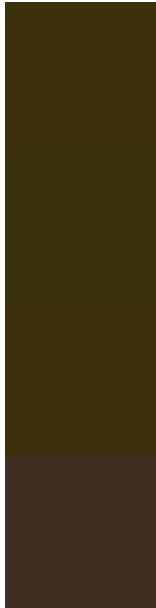
Deuteranopia

3F2F0B



Tritanopia
3E2E31

Trichromacy



Original Color
3B310A

Protanomaly
39320A

Deuteranomaly
3E300B

Tritanomaly
3D2F23

Monochromacy



Original Color
3B310A

Achromatopsia
303030

Achromatomaly
343022

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B310A 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 #3B310A looks like.

```
.text, #text, p{  
    color:#3B310A  
}
```

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 #3B310A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B310A
}
```

Border

The CSS property to change the border of an element to Hex 3B310A is called "border". The border property can be set on classes, ids or directly on the HTML element.

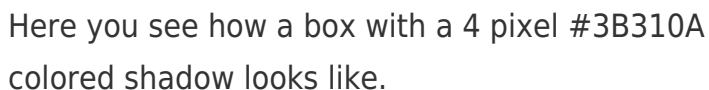
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B310A }
```

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

```
.border{ border-color:#3B310A }
```

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



Here you see how a box with a 4 pixel #3B310A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B310A; -webkit-box-shadow:4px 4px  
4px 4px #3B310A; box-shadow:4px 4px 4px  
4px #3B310A }
```

Background

The CSS property to change the background color of an element to Hex 3B310A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B310A }
```

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

```
.background{ background-color:#3B310A }
```

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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