

Converting Colors

Hex(3A310C)

Have a look what the booklet for
Hex(3A310C) contains.

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Color

Hex(3A310C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3A310C |
| RGB | 58, 49, 12 |
| RGB Percent | 23%, 19%, 5% |
| CMY | 0.7725, 0.8078, 0.9529 |
| CMYK | 0.00, 0.16, 0.79, 0.77 |
| HSL | 48°, 66%, 14% |
| HSV | 48°, 79%, 23% |
| XYZ | 2.9096, 3.1227, 0.7972 |
| YIQ | 47.4730, 17.2410, -9.5990 |

Conversions

Conversions Part 2

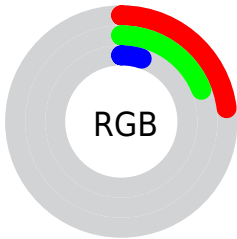
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 23, 58, 12 |
| Decimal | 3813644 |
| CIELab | 20.53, -1.04, 23.99 |
| CIElCh | 21, 24.014, 92.483 |
| Yxy | 3.1227, 0.4260, 0.4572 |
| Android (android.graphics.Color) | 4282003724 (0xFF3A310C) |
| YUV | 47.4730, -17.4882, 9.2322 |
| Hunter-Lab | 17.6712, -1.5342, 9.6950 |

Details

The Hex color **3A310C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0C153A**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **6B5F38**, and **000300** is the 20% darker color. If you saturate the color by 10%, you get **3A3006**, and if you desaturate by 10%, it is **3A3212**.

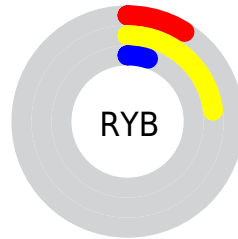
Distribution



Red (23%)

Green (19%)

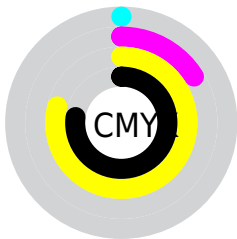
Blue (5%)



Red (9%)

Yellow (23%)

Blue (5%)

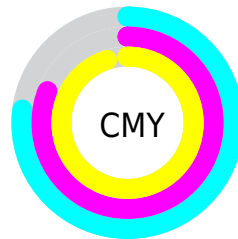


Cyan (0%)

Magenta (16%)

Yellow (79%)

Black (77%)



Cyan (77%)

Magenta (81%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A310C 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 3A310C by changing the saturation by 10% instead.

 3A310C

 3A310C

 FFFFEE

 241C00

 6B5F38

 000300

 85784F

 000000

 A09168

 BBAC81

 D7C79B

 F4E3B6

 FFFFD2

 3A310C

 3A310C

■ 3A3006

■ 3A3212

■ 3A2F00

■ 3A3318

■ 3A341D

■ 3A3623

■ 3A3729

■ 3A382F

■ 3A3935

■ 3A3A3A

■ 3A3B40

Harmonies

Analogous

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



482B12



3A310C



283612

Triad

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



3A310C



003A44



482542

Complementary

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



3A310C



0C153A

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.



342C4F



3A310C



003750

Square

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



3A310C



003A32



113355



512231

Rectangle

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



3A310C



19381B



113355



432747

Sweetspot

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



3A310C



4D493A



3A0C15



26241B



A6A6A6



262626

Same Dimension

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



3A310C



4D3E04



2C3A0C



1C1C19



5C4A00



DBB000

Inverse Universe

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



0C153A



04124D



1A0C3A



191A1C



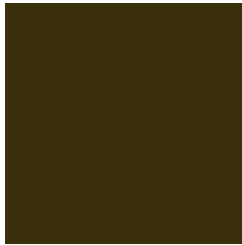
00125C



002BDB

Previews

White Background



This preview shows how the Hex color 3A310C looks on a white background.

Color Contrast Check

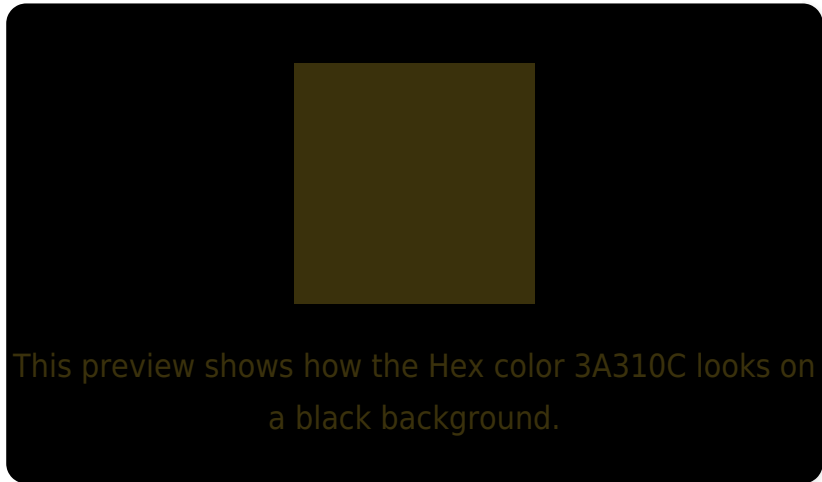
Large Text (above 18pt) WCAG AA ✓ Pass

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

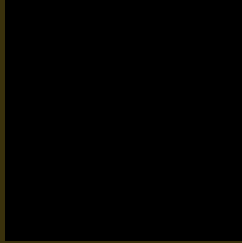
Any Text WCAG AA × Fail

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 3A310C Background



This preview shows how black text looks on a background with the Hex color 3A310C.

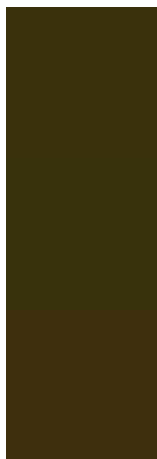


This preview shows how white text looks on a background with the Hex color 3A310C.

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
3A310C

Protanopia
38320C

Deuteranopia
3E2F0D



Tritanopia
3D2E31

Trichromacy



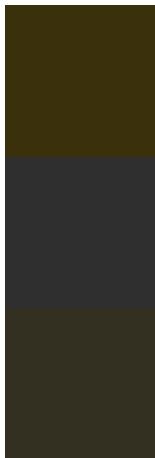
Original Color
3A310C

Protanomaly
39320C

Deuteranomaly
3D300D

Tritanomaly
3C2F24

Monochromacy



Original Color
3A310C

Achromatopsia
2F2F2F

Achromatomaly
333022

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A310C 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 #3A310C looks like.

```
.text, #text, p{  
    color:#3A310C  
}
```

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 #3A310C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A310C
}
```

Border

The CSS property to change the border of an element to Hex 3A310C is called "border". The border property can be set on classes, ids or directly on the HTML element.

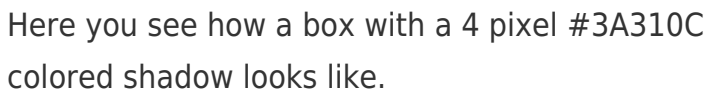
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A310C }
```

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

```
.border{ border-color:#3A310C }
```

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



Here you see how a box with a 4 pixel #3A310C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A310C; -webkit-box-shadow:4px 4px  
4px 4px #3A310C; box-shadow:4px 4px 4px  
4px #3A310C }
```

Background

The CSS property to change the background color of an element to Hex 3A310C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A310C }
```

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

```
.background{ background-color:#3A310C }
```

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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