

Converting Colors

Hex(3A3317)

Have a look what the booklet for
Hex(3A3317) contains.

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Color

Hex(3A3317)

Conversions

Conversions Part 1

Format	Color
Hex	3A3317
RGB	58, 51, 23
RGB Percent	23%, 20%, 9%
CMY	0.7725, 0.8000, 0.9098
CMYK	0.00, 0.12, 0.60, 0.77
HSL	48°, 43%, 16%
HSV	48°, 60%, 23%
XYZ	3.0834, 3.3291, 1.2907
YIQ	49.9010, 13.1600, -7.2240

Conversions

Conversions Part 2

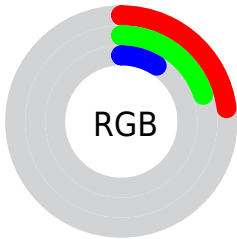
Format	Color
RYB	32, 58, 23
Decimal	3814167
CIELab	21.32, -1.38, 18.74
CIELCh	21, 18.787, 94.213
Yxy	3.3291, 0.4003, 0.4322
Android (android.graphics.Color)	4282004247 (0xFF3A3317)
YUV	49.9010, -13.2622, 7.1028
Hunter-Lab	18.2457, -1.7646, 8.5779

Details

The Hex color **3A3317** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **171E3A**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **6A6143**, and **040600** is the 20% darker color. If you saturate the color by 10%, you get **3A3211**, and if you desaturate by 10%, it is **3A341D**.

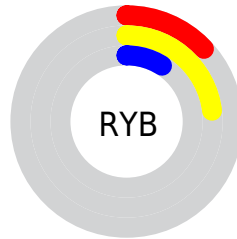
Distribution



Red (23%)

Green (20%)

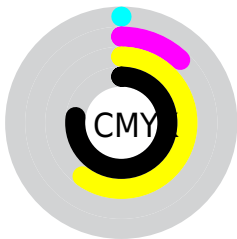
Blue (9%)



Red (13%)

Yellow (23%)

Blue (9%)

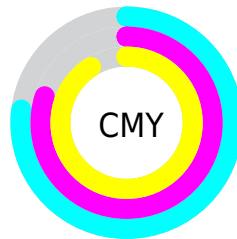


Cyan (0%)

Magenta (12%)

Yellow (60%)

Black (77%)



Cyan (77%)

Magenta (80%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3317 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 3A3317 by changing the saturation by 10% instead.



3A3317



3A3317



FFFFFFB



251E00



6A6143



040600



847A5A



000000



9E9473



BAAE8D



D5CAA7



F2E6C2



FFFFDE



3A3317



3A3317

■ 3A3211

■ 3A341D

■ 3A310B

■ 3A3523

■ 3A3006

■ 3A3628

■ 3A2E00

■ 3A382E

■ 3A3934

■ 3A3A3A

■ 3A3B40

■ 3A3C45

■ 3A3D4B

Harmonies

Analogous

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



462E1A



3A3317



2B371C

Triad

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



3A3317



003A42



462A3F

Complementary

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



3A3317



171E3A

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.



372F4A



3A3317



00384C

Square

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



3A3317



013A35



21344F



4D2832

Rectangle

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



3A3317



203922



21344F



422B44

Sweetspot

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



3A3317



4D4A3F



3A171E



26251E



A6A6A6



262626

Same Dimension

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



3A3317



4D4115



2F3A17



1C1B19



5C4900



DBAF00

Inverse Universe

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



171E3A



15204D



21173A



191A1C



00125C



002CDB

Previews

White Background



This preview shows how the Hex color 3A3317 looks on a white background.

Color Contrast Check

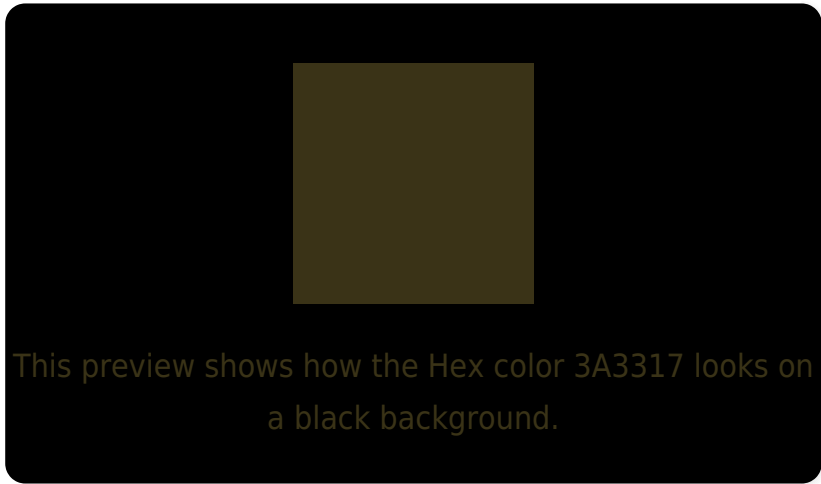
Large Text (above 18pt) WCAG AA ✓ Pass

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

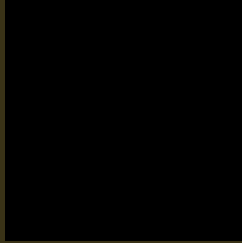
Any Text WCAG AA × Fail

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 3A3317 Background



This preview shows how black text looks on a background with the Hex color 3A3317.

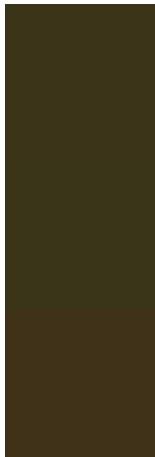


This preview shows how white text looks on a background with the Hex color 3A3317.

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
3A3317

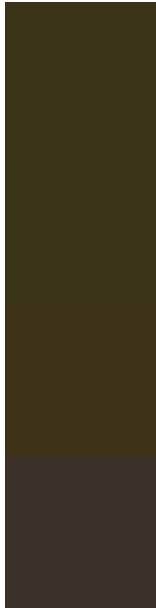
Protanopia
393317

Deuteranopia
3F3118



Tritanopia
3C3034

Trichromacy



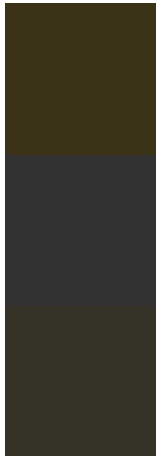
Original Color
3A3317

Protanomaly
393317

Deuteranomaly
3D3218

Tritanomaly
3B3129

Monochromacy



Original Color
3A3317

Achromatopsia
323232

Achromatomaly
353228

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3317 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 #3A3317 looks like.

```
.text, #text, p{  
    color:#3A3317  
}
```

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 #3A3317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3317
}
```

Border

The CSS property to change the border of an element to Hex 3A3317 is called "border". The border property can be set on classes, ids or directly on the HTML element.

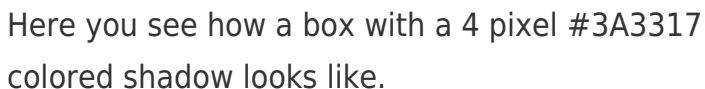
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3317 }
```

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

```
.border{ border-color:#3A3317 }
```

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



Here you see how a box with a 4 pixel #3A3317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3317; -webkit-box-shadow:4px 4px  
4px 4px #3A3317; box-shadow:4px 4px 4px  
4px #3A3317 }
```

Background

The CSS property to change the background color of an element to Hex 3A3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3317 }
```

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

```
.background{ background-color:#3A3317 }
```

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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