

Converting Colors

Hex(3A3C1B)

Have a look what the booklet for
Hex(3A3C1B) contains.

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Color

Hex(3A3C1B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3A3C1B |
| RGB | 58, 60, 27 |
| RGB Percent | 23%, 24%, 11% |
| CMY | 0.7725, 0.7647, 0.8941 |
| CMYK | 0.03, 0.00, 0.55, 0.76 |
| HSL | 64°, 38%, 17% |
| HSV | 64°, 55%, 24% |
| XYZ | 3.5586, 4.2104, 1.6620 |
| YIQ | 55.6400, 9.4010, -10.6870 |

Conversions

Conversions Part 2

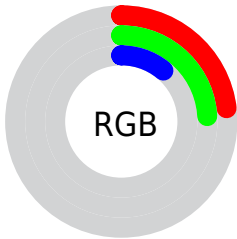
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 27, 60, 29 |
| Decimal | 3816475 |
| CIE Lab | 24.36, -6.67, 19.97 |
| CIE LCh | 24, 21.052, 108.486 |
| Yxy | 4.2104, 0.3773, 0.4464 |
| Android (android.graphics.Color) | 4282006555 (0xFF3A3C1B) |
| YUV | 55.6400, -14.1195, 2.0697 |
| Hunter-Lab | 20.5192, -4.9518, 9.5610 |

Details

The Hex color **3A3C1B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1D1B3C**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6A6B47**, and **071200** is the 20% darker color. If you saturate the color by 10%, you get **3A3C15**, and if you desaturate by 10%, it is **3A3C21**.

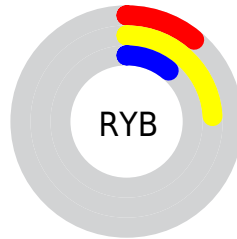
Distribution



Red (23%)

Green (24%)

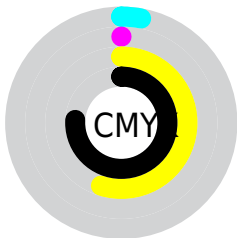
Blue (11%)



Red (11%)

Yellow (24%)

Blue (11%)

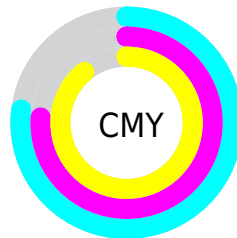


Cyan (3%)

Magenta (0%)

Yellow (55%)

Black (76%)



Cyan (77%)

Magenta (76%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3C1B 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 3A3C1B by changing the saturation by 10% instead.

■ 3A3C1B

■ 3A3C1B

FFFFFF

■ 242602

■ 6A6B47

■ 071200

■ 84845F

■ 000000

■ 9E9E78

■ B9B992

■ D5D5AD

■ F1F1C8

■ FFFFE4

■ 3A3C1B

■ 3A3C1B

■ 3A3C15

■ 3A3C21

■ 393C0F

■ 3B3C27

■ 393C09

■ 3B3C2D

■ 393C03

■ 3B3C33

■ 383C00

■ 3C3C39

■ 3C3C3F

■ 3D3C45

■ 3D3C4B

■ 3D3C51

Harmonies

Analogous

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



49371B



3A3C1B



284024

Triad

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



3A3C1B



004151



542E41

Complementary

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



3A3C1B



1D1B3C

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.



48324F



3A3C1B



123D59

Square

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



3A3C1B



004243



323858



582D31

Rectangle

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



3A3C1B



19412E



323858



512F46

Sweetspot

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



3A3C1B



4E4F42



3C1D1B



282921



A8A8A8



292929

Same Dimension

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



3A3C1B



4C4F1B



2A3C1B



1E1F1C



595E00



D0DE00

Inverse Universe

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



1D1B3C



1E1B4F



2D1B3C



1C1C1F



06005E



0D00DE

Previews

White Background



This preview shows how the Hex color 3A3C1B looks on a white background.

Color Contrast Check

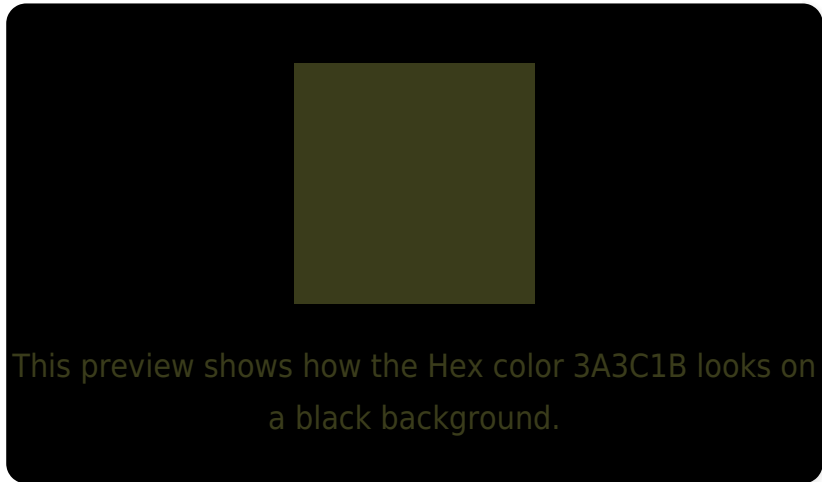
Large Text (above 18pt) WCAG AA ✓ Pass

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

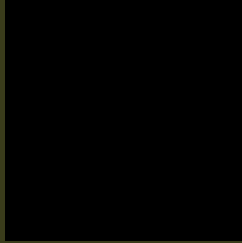
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

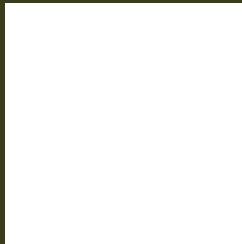
Any Text WCAG AAA × Fail

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

Hex 3A3C1B Background



This preview shows how black text looks on a background with the Hex color 3A3C1B.

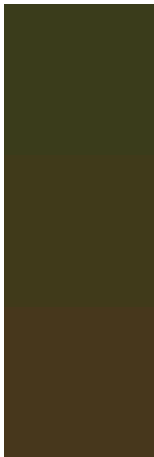


This preview shows how white text looks on a background with the Hex color 3A3C1B.

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
3A3C1B

Protanopia
403A1A

Deuteranopia
47371C



Tritanopia
3E383D

Trichromacy



Original Color
3A3C1B

Protanomaly
3E3B1A

Deuteranomaly
42391C

Tritanomaly
3D3931

Monochromacy



Original Color
3A3C1B

Achromatopsia
383838

Achromatomaly
39392D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3C1B 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 #3A3C1B looks like.

```
.text, #text, p{  
    color:#3A3C1B  
}
```

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 #3A3C1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3C1B
}
```

Border

The CSS property to change the border of an element to Hex 3A3C1B 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
#3A3C1B }
```

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

```
.border{ border-color:#3A3C1B }
```

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

Here you see how a box with a 4 pixel #3A3C1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3C1B; -webkit-box-shadow:4px 4px  
4px 4px #3A3C1B; box-shadow:4px 4px 4px  
4px #3A3C1B }
```

Background

The CSS property to change the background color of an element to Hex 3A3C1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3C1B }
```

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

```
.background{ background-color:#3A3C1B }
```

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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