

Converting Colors

Hex(3A3F1B)

Have a look what the booklet for
Hex(3A3F1B) contains.

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Color

Hex(3A3F1B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 3A3F1B |
| RGB | 58, 63, 27 |
| RGB Percent | 23%, 25%, 11% |
| CMY | 0.7725, 0.7529, 0.8941 |
| CMYK | 0.08, 0.00, 0.57, 0.75 |
| HSL | 68°, 40%, 18% |
| HSV | 68°, 57%, 25% |
| XYZ | 3.7203, 4.5337, 1.7159 |
| YIQ | 57.4010, 8.5760, -12.2560 |

Conversions

Conversions Part 2

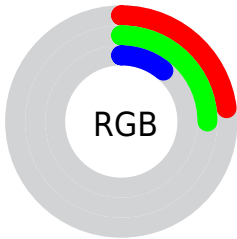
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 27, 63, 32 |
| Decimal | 3817243 |
| CIE Lab | 25.36, -8.52, 21.17 |
| CIE LCh | 25, 22.823, 111.926 |
| Yxy | 4.5337, 0.3732, 0.4547 |
| Android (android.graphics.Color) | 4282007323 (0xFF3A3F1B) |
| YUV | 57.4010, -14.9877, 0.5253 |
| Hunter-Lab | 21.2925, -6.0739, 10.1266 |

Details

The Hex color **3A3F1B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **201B3F**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6A6F48**, and **081500** is the 20% darker color. If you saturate the color by 10%, you get **393F15**, and if you desaturate by 10%, it is **3B3F21**.

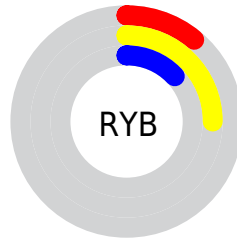
Distribution



 Red (23%)

 Green (25%)

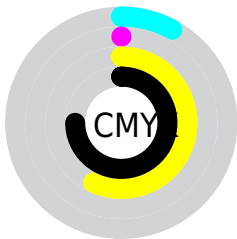
 Blue (11%)



 Red (11%)

 Yellow (25%)

 Blue (13%)

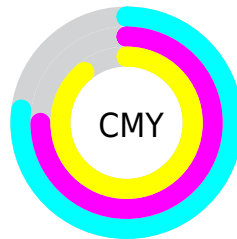


 Cyan (8%)

 Magenta (0%)

 Yellow (57%)

 Black (75%)



 Cyan (77%)

 Magenta (75%)

 Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3F1B 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 3A3F1B by changing the saturation by 10% instead.



3A3F1B



3A3F1B

FFFFFF



242902



6A6F48



081500



848860



000000



9EA279



B9BD92



D5D9AD



F2F5C9



FFFFE5



3A3F1B



3A3F1B

■ 393F15

■ 3B3F21

■ 383F0E

■ 3C3F28

■ 373F08

■ 3D3F2E

■ 373F02

■ 3E3F34

■ 363F00

■ 3E3F3B

■ 3F3F41

■ 403F47

■ 413F4D

■ 423F54

Harmonies

Analogous

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



4B3A19



3A3F1B



264326

Triad

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



3A3F1B



004357



5A2E42

Complementary

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



3A3F1B



201B3F

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.



4D3352



3A3F1B



133F5E

Square

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



3A3F1B



004548



36395C



5D2F30

Rectangle

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



3A3F1B



144431



36395C



572F47

Sweetspot

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



3A3F1B



505244



3F201B



282921



A8A8A8



292929

Same Dimension

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



3A3F1B



4A5219



283F1B



1E1F1C



515E00



BFDE00

Inverse Universe

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



201B3F



211952



321B3F



1C1C1F



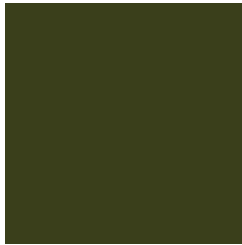
0D005E



1F00DE

Previews

White Background



This preview shows how the Hex color 3A3F1B looks on a white background.

Color Contrast Check

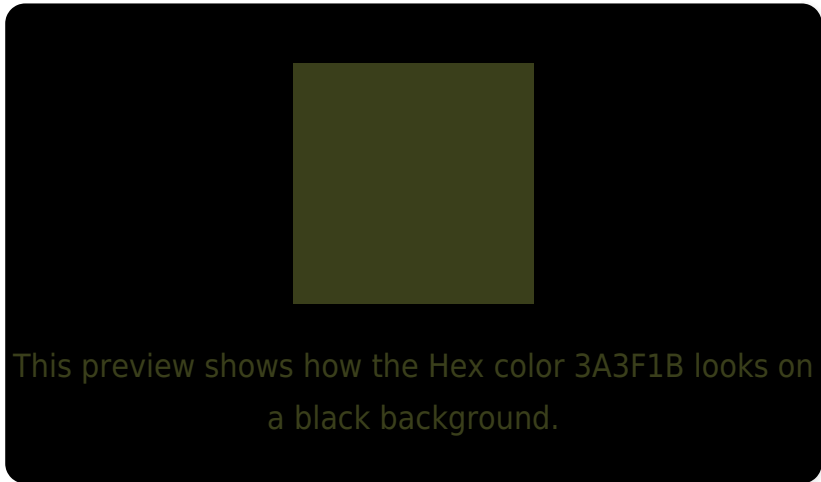
Large Text (above 18pt) WCAG AA ✓ Pass

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

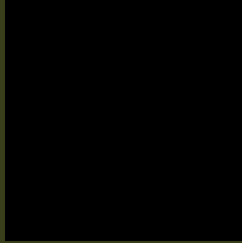
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

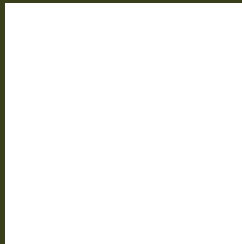
Any Text WCAG AAA × Fail

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

Hex 3A3F1B Background



This preview shows how black text looks on a background with the Hex color 3A3F1B.



This preview shows how white text looks on a background with the Hex color 3A3F1B.

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
3A3F1B

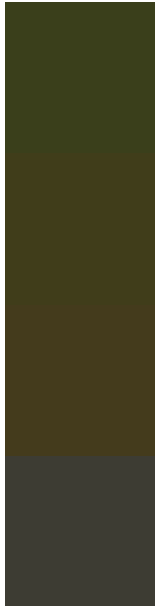
Protanopia
433C1A

Deuteranopia
4A391D



Tritanopia
3E3B40

Trichromacy



Original Color
3A3F1B

Protanomaly
403D1A

Deuteranomaly
443B1C

Tritanomaly
3D3C33

Monochromacy



Original Color
3A3F1B

Achromatopsia
393939

Achromatomaly
393B2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3F1B 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 #3A3F1B looks like.

```
.text, #text, p{  
    color:#3A3F1B  
}
```

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 #3A3F1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3F1B
}
```

Border

The CSS property to change the border of an element to Hex 3A3F1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

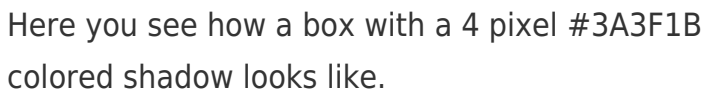
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3F1B }
```

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

```
.border{ border-color:#3A3F1B }
```

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



Here you see how a box with a 4 pixel `#3A3F1B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3F1B; -webkit-box-shadow:4px 4px  
4px 4px #3A3F1B; box-shadow:4px 4px 4px  
4px #3A3F1B }
```

Background

The CSS property to change the background color of an element to Hex 3A3F1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3F1B }
```

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

```
.background{ background-color:#3A3F1B }
```

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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