

Converting Colors

Hex(3A1815)

Have a look what the booklet for
Hex(3A1815) contains.

Hex(3A1815)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A1815)

Conversions

Conversions Part 1

Format	Color
Hex	3A1815
RGB	58, 24, 21
RGB Percent	23%, 9%, 8%
CMY	0.7725, 0.9059, 0.9176
CMYK	0.00, 0.59, 0.64, 0.77
HSL	5°, 47%, 15%
HSV	5°, 64%, 23%
XYZ	2.2069, 1.6070, 0.9033
YIQ	33.8240, 21.2270, 6.2750

Conversions

Conversions Part 2

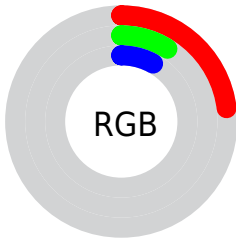
Format	Color
R_YB	58, 24, 21
Decimal	3807253
CIE Lab	13.27, 16.47, 9.96
CIE LCh	13, 19.248, 31.171
Yxy	1.6070, 0.4678, 0.3407
Android (android.graphics.Color)	4281997333 (0xFF3A1815)
YUV	33.8240, -6.3222, 21.2024
Hunter-Lab	12.6766, 8.8918, 4.6486

Details

The Hex color **3A1815** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **15373A**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **6C443F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A130F**, and if you desaturate by 10%, it is **3A1D1B**.

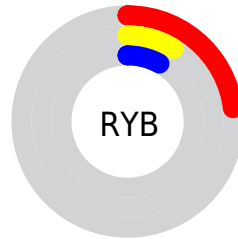
Distribution



Red (23%)

Green (9%)

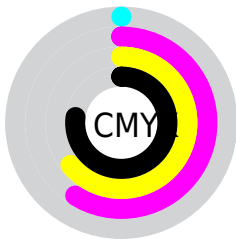
Blue (8%)



Red (23%)

Yellow (9%)

Blue (8%)

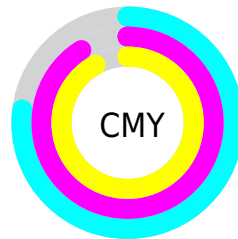


Cyan (0%)

Magenta (59%)

Yellow (64%)

Black (77%)



Cyan (77%)

Magenta (91%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A1815 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 3A1815 by changing the saturation by 10% instead.

 3A1815

 3A1815

 FFFDF6

 250000

 6C443F

 000000

 865C56

 A1756F

 BC8E88

 D8A9A2

 F5C4BD

 FFE0D9

 3A1815

 3A1815

■ 3A130F

■ 3A1D1B

■ 3A0D09

■ 3A2321

■ 3A0804

■ 3A2826

■ 3A0500

■ 3A2D2C

■ 3A3332

■ 3A3838

■ 3A3D3E

■ 3A4343

■ 3A4849

Harmonies

Analogous

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



3A1622



3A1815



341D07

Triad

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



3A1815



092815



07233D

Complementary

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



3A1815



15373A

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.



002739



3A1815



002922

Square

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



3A1815



1C2507



002830



231E39

Rectangle

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



3A1815



2E2002



002830



00253C

Sweetspot

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



3A1815



4D3F3E



3A1538



261E1D



A6A6A6



262626

Same Dimension

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



3A1815



4D1612



3A2A15



1C1919



5C0700



DB1200

Inverse Universe

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



15373A



12484D



15253A



191C1C



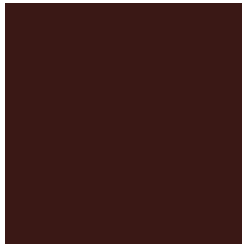
00545C



00CADB

Previews

White Background



This preview shows how the Hex color 3A1815 looks on a white background.

Color Contrast Check

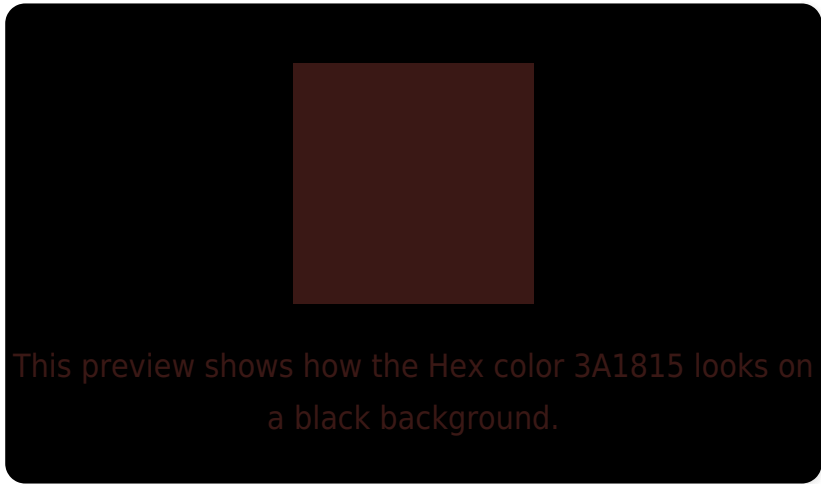
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A1815 Background



This preview shows how black text looks on a background with the Hex color 3A1815.

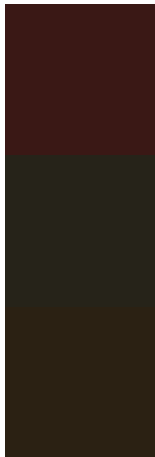


This preview shows how white text looks on a background with the Hex color 3A1815.

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](#).

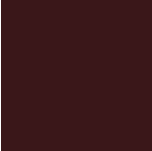
Dichromacy



Original Color
3A1815

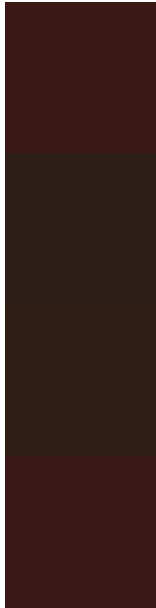
Protanopia
262319

Deuteranopia
2B2113



Tritanopia
3A1719

Trichromacy



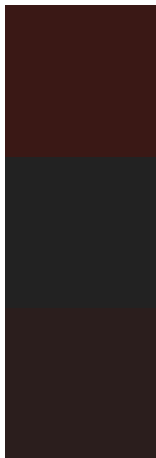
Original Color
3A1815

Protanomaly
2D1F18

Deuteranomaly
301E14

Tritanomaly
3A1718

Monochromacy



Original Color
3A1815

Achromatopsia
222222

Achromatomaly
2B1E1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A1815 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 #3A1815 looks like.

```
.text, #text, p{  
    color:#3A1815  
}
```

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 #3A1815 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A1815
}
```

Border

The CSS property to change the border of an element to Hex 3A1815 is called "border". The border property can be set on classes, ids or directly on the HTML element.

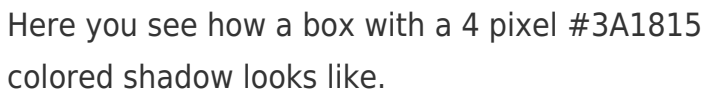
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A1815 }
```

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

```
.border{ border-color:#3A1815 }
```

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



Here you see how a box with a 4 pixel #3A1815 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A1815; -webkit-box-shadow:4px 4px  
4px 4px #3A1815; box-shadow:4px 4px 4px  
4px #3A1815 }
```

Background

The CSS property to change the background color of an element to Hex 3A1815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A1815 }
```

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

```
.background{ background-color:#3A1815 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor