

Converting Colors

Hex(3A1817)

Have a look what the booklet for
Hex(3A1817) contains.

Hex(3A1817)	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(3A1817)

Conversions

Conversions Part 1

Format	Color
Hex	3A1817
RGB	58, 24, 23
RGB Percent	23%, 9%, 9%
CMY	0.7725, 0.9059, 0.9098
CMYK	0.00, 0.59, 0.60, 0.77
HSL	2°, 43%, 16%
HSV	2°, 60%, 23%
XYZ	2.2262, 1.6147, 1.0049
YIQ	34.0520, 20.5850, 6.8970

Conversions

Conversions Part 2

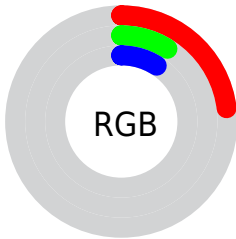
Format	Color
R_{YB}	58, 24, 23
Decimal	3807255
CIE Lab	13.32, 16.68, 8.60
CIE LCh	13, 18.768, 27.267
Yxy	1.6147, 0.4594, 0.3332
Android (android.graphics.Color)	4281997335 (0xFF3A1817)
YUV	34.0520, -5.4486, 21.0024
Hunter-Lab	12.7070, 9.0353, 4.2059

Details

The Hex color **3A1817** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **17393A**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **6C4442**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A1211**, and if you desaturate by 10%, it is **3A1E1D**.

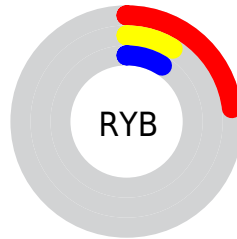
Distribution



 Red (23%)

 Green (9%)

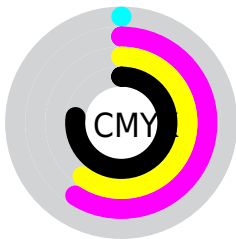
 Blue (9%)



 Red (23%)

 Yellow (9%)

 Blue (9%)

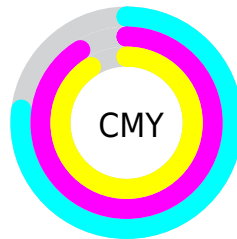


 Cyan (0%)

 Magenta (59%)

 Yellow (60%)

 Black (77%)



 Cyan (77%)

 Magenta (91%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A1817 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 3A1817 by changing the saturation by 10% instead.

 3A1817

 3A1817

 FFFDF9

 250000

 6C4442

 000000

 865C59

 A07571

 BC8E8B

 D8A9A5

 F5C4C0

 FFE0DC

 3A1817

 3A1817

■ 3A1211

■ 3A1E1D

■ 3A0D0B

■ 3A2323

■ 3A0706

■ 3A2928

■ 3A0200

■ 3A2F2E

■ 3A3434

■ 3A3A3A

■ 3A3F40

■ 3A4545

■ 3A4B4B

Harmonies

Analogous

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



391724



3A1817



351C0A

Triad

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



3A1817



0D2713



04243C

Complementary

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



3A1817



17393A

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.



002738



3A1817



002921

Square

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



3A1817



1E2507



00292E



211F39

Rectangle

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



3A1817



2F1F04



00292E



00253B

Sweetspot

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



3A1817



4D3F3F



3A1739



261E1E



A6A6A6



262626

Same Dimension

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



3A1817



4D1715



3A2917



1C1919



5C0300



DB0600

Inverse Universe

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



17393A



154B4D



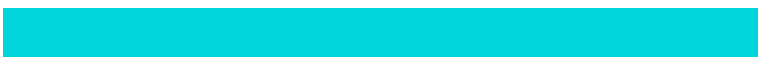
17283A



191C1C



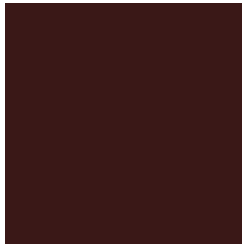
00595C



00D5DB

Previews

White Background



This preview shows how the Hex color 3A1817 looks on a white background.

Color Contrast Check

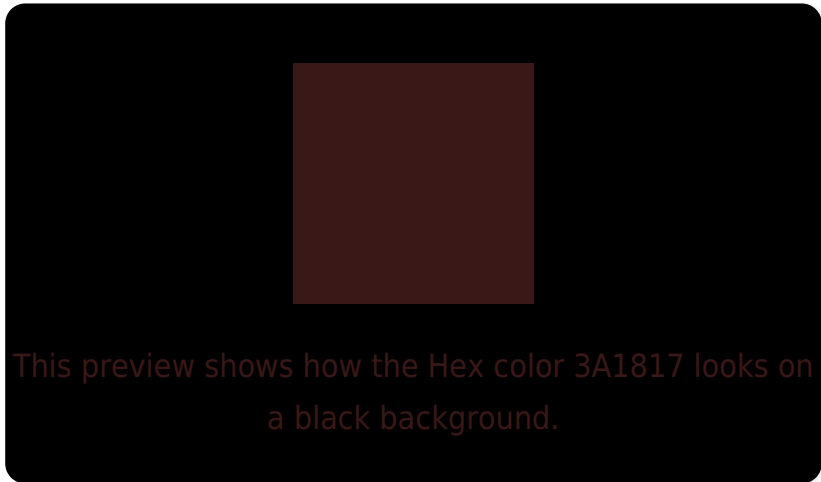
Large Text (above 18pt) WCAG AA ✓ Pass

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

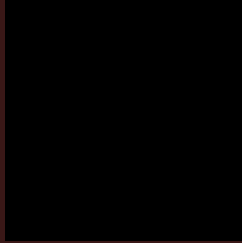
Any Text WCAG AA × Fail

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 3A1817 Background



This preview shows how black text looks on a background with the Hex color 3A1817.

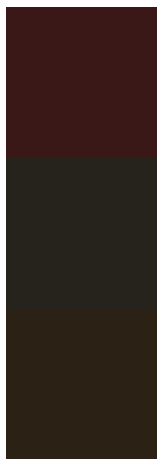


This preview shows how white text looks on a background with the Hex color 3A1817.

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](#).

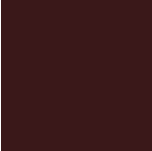
Dichromacy



Original Color
3A1817

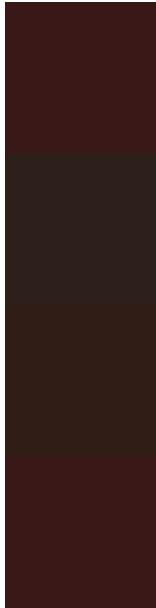
Protanopia
25231C

Deuteranopia
2B2215



Tritanopia
3A1819

Trichromacy



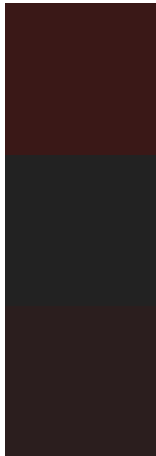
Original Color
3A1817

Protanomaly
2D1F1A

Deuteranomaly
301E16

Tritanomaly
3A1818

Monochromacy



Original Color
3A1817

Achromatopsia
222222

Achromatomaly
2B1E1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A1817 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 #3A1817 looks like.

```
.text, #text, p{  
    color:#3A1817  
}
```

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 #3A1817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A1817
}
```

Border

The CSS property to change the border of an element to Hex 3A1817 is called "border". The border property can be set on classes, ids or directly on the HTML element.

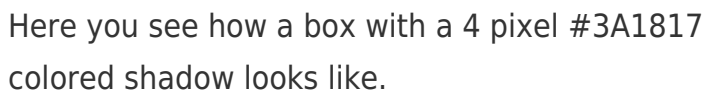
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A1817 }
```

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

```
.border{ border-color:#3A1817 }
```

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



Here you see how a box with a 4 pixel #3A1817 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A1817; -webkit-box-shadow:4px 4px  
4px 4px #3A1817; box-shadow:4px 4px 4px  
4px #3A1817 }
```

Background

The CSS property to change the background color of an element to Hex 3A1817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A1817 }
```

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

```
.background{ background-color:#3A1817 }
```

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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