

Converting Colors

Hex(3B1700)

Have a look what the booklet for
Hex(3B1700) contains.

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Color

Hex(3B1700)

Conversions

Conversions Part 1

Format	Color
Hex	3B1700
RGB	59, 23, 0
RGB Percent	23%, 9%, 0%
CMY	0.7686, 0.9098, 1.0000
CMYK	0.00, 0.61, 1.00, 0.77
HSL	23°, 100%, 12%
HSV	23°, 100%, 23%
XYZ	2.1100, 1.5426, 0.1865
YIQ	31.1420, 28.8390, 0.4790

Conversions

Conversions Part 2

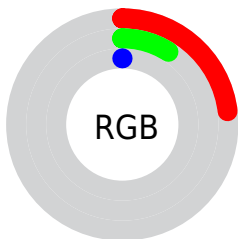
Format	Color
R_{YB}	59, 38, 0
Decimal	3872512
CIE Lab	12.88, 16.06, 19.53
CIE LCh	13, 25.286, 50.576
Yxy	1.5426, 0.5496, 0.4018
Android (android.graphics.Color)	4282062592 (0xFF3B1700)
YUV	31.1420, -15.3530, 24.4315
Hunter-Lab	12.4201, 8.5897, 7.8036

Details

The Hex color **3B1700** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00243B**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **6D432F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B1700**, and if you desaturate by 10%, it is **3B1B06**.

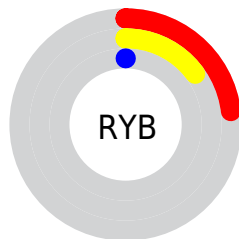
Distribution



Red (23%)

Green (9%)

Blue (0%)



Red (23%)

Yellow (15%)

Blue (0%)

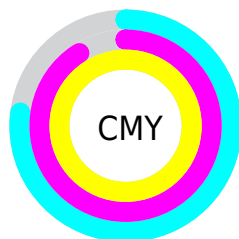


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (77%)



Cyan (77%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B1700 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 3B1700 by changing the saturation by 10% instead.

 3B1700

 3B1700

 FFFBE2

 240000

 6D432F

 000000

 885B46

 A3735E

 BF8D76

 DCA790

 F9C3AB

 FFD6C6

 3B1700

■ 3B1B06

■ 3B1E0C

■ 3B2212

■ 3B2518

■ 3B291D

■ 3B2D23

■ 3B3029

■ 3B342F

■ 3B3735

Harmonies

Analogous

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



401016



3B1700



2F1E00

Triad

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



3B1700



00291B



161F42

Complementary

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



3B1700



00243B

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.



002544



3B1700



00292D

Square

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



3B1700



092706



00283C



311738

Rectangle

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



3B1700



252200



00283C



042144

Sweetspot

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



3B1700



4D3E36



3B0024



261E18



A6A6A6



262626

Same Dimension

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



3B1700



4D1E00



3B3400



1F1D1C



5E2500



DE5600

Inverse Universe

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



00243B



002F4D



00073B



1C1D1F



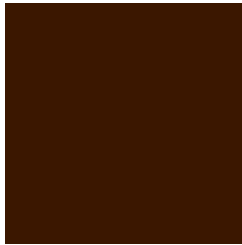
003A5E



0087DE

Previews

White Background



This preview shows how the Hex color 3B1700 looks on a white background.

Color Contrast Check

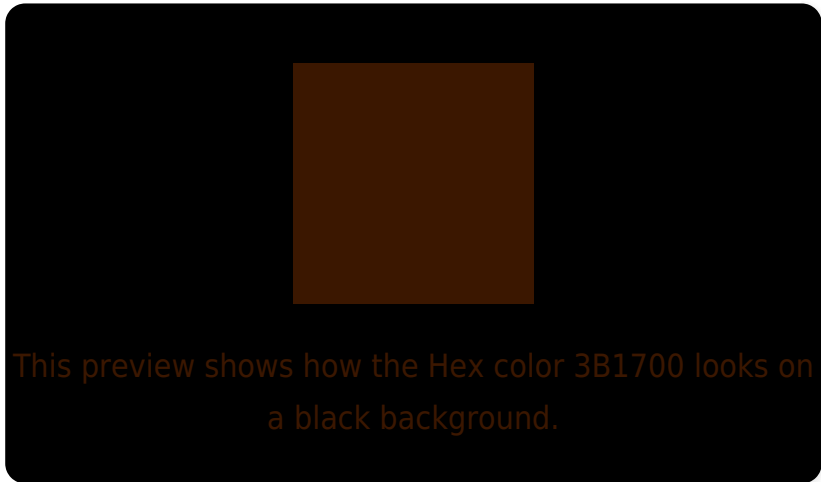
Large Text (above 18pt) WCAG AA ✓ Pass

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

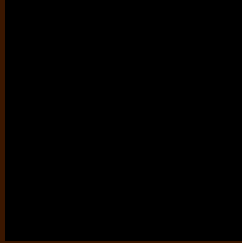
Any Text WCAG AA × Fail

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 3B1700 Background



This preview shows how black text looks on a background with the Hex color 3B1700.

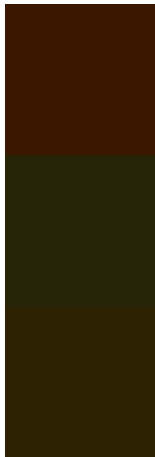


This preview shows how white text looks on a background with the Hex color 3B1700.

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
3B1700

Protanopia
272306

Deuteranopia
2C2100



Tritanopia
3C1517

Trichromacy



Original Color

3B1700

Protanomaly

2E1F04

Deuteranomaly

311D00

Tritanomaly

3C160F

Monochromacy



Original Color

3B1700

Achromatopsia

1F1F1F

Achromatomaly

291C14

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B1700 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 #3B1700 looks like.

```
.text, #text, p{  
    color:#3B1700  
}
```

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 #3B1700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B1700
}
```

Border

The CSS property to change the border of an element to Hex 3B1700 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".

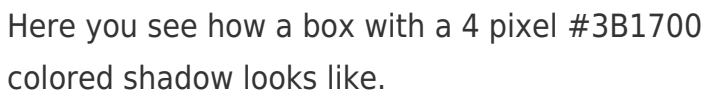
```
.border, #border, table{ border:4px solid
#3B1700 }
```

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

```
.border{ border-color:#3B1700 }
```

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

Here you see how a box with a 4 pixel #3B1700 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B1700; -webkit-box-shadow:4px 4px  
4px 4px #3B1700; box-shadow:4px 4px 4px  
4px #3B1700 }
```

Background

The CSS property to change the background color of an element to Hex 3B1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B1700 }
```

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

```
.background{ background-color:#3B1700 }
```

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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