

Converting Colors

Hex(3B1100)

Have a look what the booklet for
Hex(3B1100) contains.

Hex(3B1100)	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(3B1100)

Conversions

Conversions Part 1

Format	Color
Hex	3B1100
RGB	59, 17, 0
RGB Percent	23%, 7%, 0%
CMY	0.7686, 0.9333, 1.0000
CMYK	0.00, 0.71, 1.00, 0.77
HSL	17°, 100%, 12%
HSV	17°, 100%, 23%
XYZ	2.0041, 1.3307, 0.1512
YIQ	27.6200, 30.4890, 3.6170

Conversions

Conversions Part 2

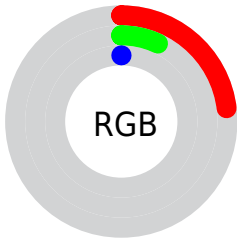
Format	Color
R_{YB}	59, 24, 0
Decimal	3870976
CIE _{Lab}	11.49, 19.65, 17.64
CIE _{LCh}	11, 26.407, 41.926
Yxy	1.3307, 0.5749, 0.3817
Android (android.graphics.Color)	4282061056 (0xFF3B1100)
YUV	27.6200, -13.6167, 27.5203
Hunter-Lab	11.5356, 10.8235, 7.2977

Details

The Hex color **3B1100** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002A3B**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6E3D2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B1100**, and if you desaturate by 10%, it is **3B1506**.

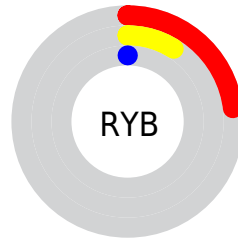
Distribution



Red (23%)

Green (7%)

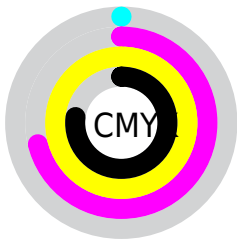
Blue (0%)



Red (23%)

Yellow (9%)

Blue (0%)

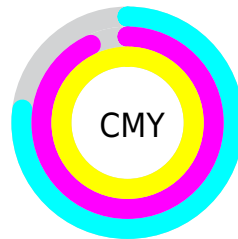


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (77%)



Cyan (77%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B1100 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 3B1100 by changing the saturation by 10% instead.

 3B1100

 3B1100

 FFF5E2

 250000

 6E3D2F

 000000

 885546

 A46D5E

 C08776

 DCA190

 FABCAB

 FFD8C6

 3B1100

■ 3B1506

■ 3B190C

■ 3B1E12

■ 3B2218

■ 3B261D

■ 3B2A23

■ 3B2E29

■ 3B332F

■ 3B3735

Harmonies

Analogous

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



3E0B18



3B1100



301900

Triad

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



3B1100



002612



001E42

Complementary

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



3B1100



002A3B

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.



002441



3B1100



002725

Square

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



3B1100



0F2400



002636



28163A

Rectangle

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



3B1100



261E00



002636



002043

Sweetspot

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



3B1100



4D3C36



3B002A



261C18



A6A6A6



262626

Same Dimension

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



3B1100



4D1600



3B2E00



1F1C1C



5E1B00



DE4000

Inverse Universe

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



002A3B



00364D



000D3B



1C1E1F



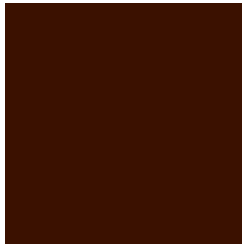
00435E



009EDE

Previews

White Background



This preview shows how the Hex color 3B1100 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

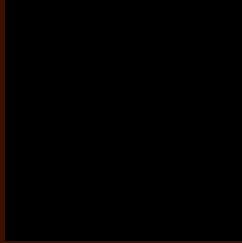
Any Text WCAG AA × Fail

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 3B1100 Background



This preview shows how black text looks on a background with the Hex color 3B1100.

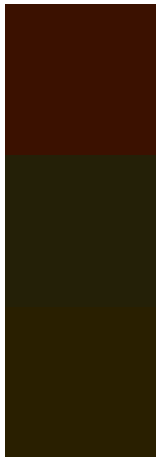


This preview shows how white text looks on a background with the Hex color 3B1100.

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
3B1100

Protanopia
242007

Deuteranopia
291F00



Tritanopia
3B1010

Trichromacy



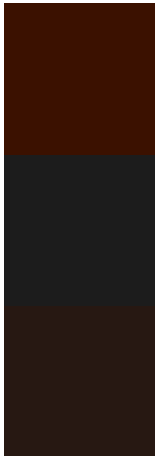
Original Color
3B1100

Protanomaly
2C1B04

Deuteranomaly
301A00

Tritanomaly
3B100A

Monochromacy



Original Color
3B1100

Achromatopsia
1C1C1C

Achromatomaly
271812

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B1100 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 #3B1100 looks like.

```
.text, #text, p{  
    color:#3B1100  
}
```

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 #3B1100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B1100
}
```

Border

The CSS property to change the border of an element to Hex 3B1100 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".

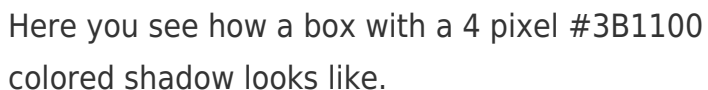
```
.border, #border, table{ border:4px solid
#3B1100 }
```

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

```
.border{ border-color:#3B1100 }
```

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

Here you see how a box with a 4 pixel #3B1100 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B1100; -webkit-box-shadow:4px 4px  
4px 4px #3B1100; box-shadow:4px 4px 4px  
4px #3B1100 }
```

Background

The CSS property to change the background color of an element to Hex 3B1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B1100 }
```

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

```
.background{ background-color:#3B1100 }
```

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