

Converting Colors

Hex(3B1D00)

Have a look what the booklet for
Hex(3B1D00) contains.

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Color

Hex(3B1D00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3B1D00 |
| RGB | 59, 29, 0 |
| RGB Percent | 23%, 11%, 0% |
| CMY | 0.7686, 0.8863, 1.0000 |
| CMYK | 0.00, 0.51, 1.00, 0.77 |
| HSL | 29°, 100%, 12% |
| HSV | 29°, 100%, 23% |
| XYZ | 2.2430, 1.8085, 0.2309 |
| YIQ | 34.6640, 27.1890, -2.6590 |

Conversions

Conversions Part 2

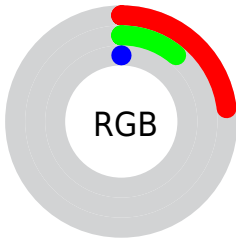
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 59, 57, 0 |
| Decimal | 3874048 |
| CIE _{Lab} | 14.45, 12.17, 21.61 |
| CIE _{LCh} | 14, 24.802, 60.606 |
| Yxy | 1.8085, 0.5238, 0.4223 |
| Android (android.graphics.Color) | 4282064128 (0xFF3B1D00) |
| YUV | 34.6640, -17.0894, 21.3427 |
| Hunter-Lab | 13.4482, 6.2374, 8.3959 |

Details

The Hex color **3B1D00** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **001E3B**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **6D492F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B1D00**, and if you desaturate by 10%, it is **3B2006**.

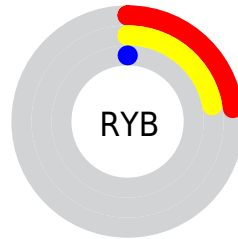
Distribution



Red (23%)

Green (11%)

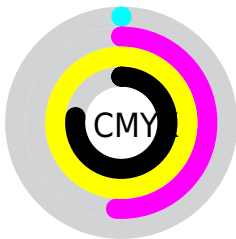
Blue (0%)



Red (23%)

Yellow (22%)

Blue (0%)

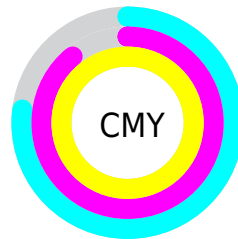


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (77%)



Cyan (77%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B1D00 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 3B1D00 by changing the saturation by 10% instead.

 3B1D00

 3B1D00

 FFFFE2

 240600

 6D492F

 000000

 876146

 A37A5E

 BE9476

 DBAE90

 F8CAAB

 FFE6C6

 3B1D00

■ 3B2006

■ 3B230C

■ 3B2612

■ 3B2918

■ 3B2C1D

■ 3B2F23

■ 3B3229

■ 3B352F

■ 3B3835

Harmonies

Analogous

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



431614



3B1D00



2E2400

Triad

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



3B1D00



002D24



252043

Complementary

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



3B1D00



001E3B

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.



002647



3B1D00



002C36

Square

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



3B1D00



012B13



002B43



3A1836

Rectangle

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



3B1D00



232700



002B43



1A2245

Sweetspot

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



3B1D00



4D4136



3B001E



261F18



A6A6A6



262626

Same Dimension

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



3B1D00



4D2600



3B3A00



1F1D1C



5E2E00



DE6D00

Inverse Universe

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



001E3B



00274D



00013B



1C1D1F



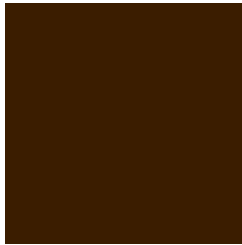
00305E



0071DE

Previews

White Background



This preview shows how the Hex color 3B1D00 looks on a white background.

Color Contrast Check

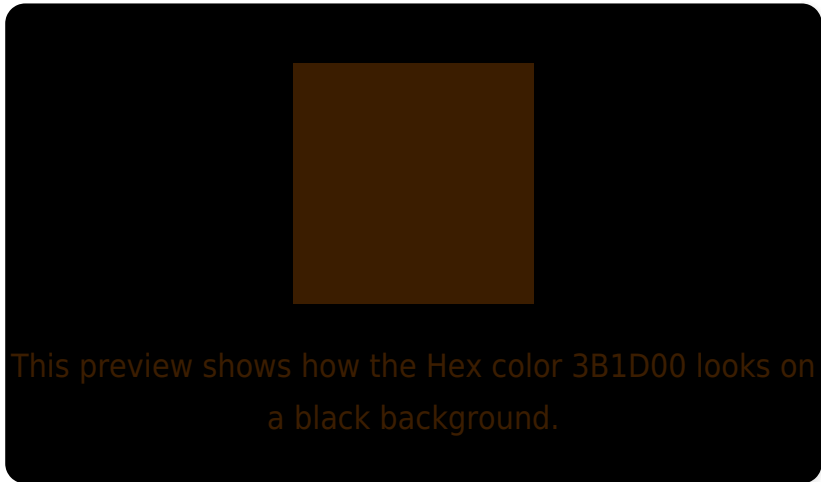
Large Text (above 18pt) WCAG AA ✓ Pass

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

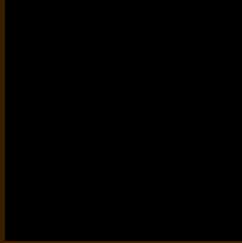
Any Text WCAG AA × Fail

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 3B1D00 Background



This preview shows how black text looks on a background with the Hex color 3B1D00.

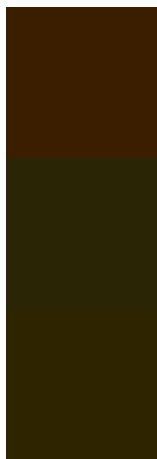


This preview shows how white text looks on a background with the Hex color 3B1D00.

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](#).

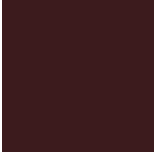
Dichromacy



Original Color
3B1D00

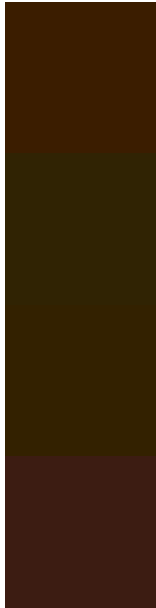
Protanopia
2A2605

Deuteranopia
2F2400



Tritanopia
3C1B1D

Trichromacy



Original Color
3B1D00

Protanomaly
302303

Deuteranomaly
332100

Tritanomaly
3C1C12

Monochromacy



Original Color
3B1D00

Achromatopsia
232323

Achromatomaly
2C2116

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B1D00 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 #3B1D00 looks like.

```
.text, #text, p{  
    color:#3B1D00  
}
```

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 #3B1D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B1D00
}
```

Border

The CSS property to change the border of an element to Hex 3B1D00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

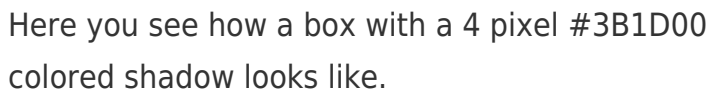
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B1D00 }
```

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

```
.border{ border-color:#3B1D00 }
```

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



Here you see how a box with a 4 pixel #3B1D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B1D00; -webkit-box-shadow:4px 4px  
4px 4px #3B1D00; box-shadow:4px 4px 4px  
4px #3B1D00 }
```

Background

The CSS property to change the background color of an element to Hex 3B1D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B1D00 }
```

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

```
.background{ background-color:#3B1D00 }
```

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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