

Converting Colors

Hex(3B0E16)

Have a look what the booklet for
Hex(3B0E16) contains.

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Color

Hex(3B0E16)

Conversions

Conversions Part 1

Format	Color
Hex	3B0E16
RGB	59, 14, 22
RGB Percent	23%, 5%, 9%
CMY	0.7686, 0.9451, 0.9137
CMYK	0.00, 0.76, 0.63, 0.77
HSL	349°, 62%, 14%
HSV	349°, 76%, 23%
XYZ	2.1055, 1.3018, 0.8994
YIQ	28.3670, 24.2520, 12.0280

Conversions

Conversions Part 2

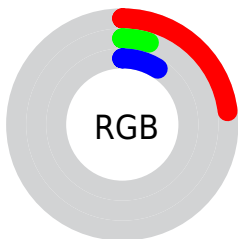
Format	Color
R_YB	59, 14, 22
Decimal	3870230
CIE Lab	11.29, 22.80, 6.60
CIE LCh	11, 23.738, 16.139
Yxy	1.3018, 0.4889, 0.3023
Android (android.graphics.Color)	4282060310 (0xFF3B0E16)
YUV	28.3670, -3.1389, 26.8651
Hunter-Lab	11.4097, 12.9726, 3.3133

Details

The Hex color **3B0E16** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0E3B33**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6D3B40**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B0811**, and if you desaturate by 10%, it is **3B141B**.

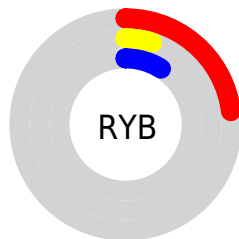
Distribution



 Red (23%)

 Green (5%)

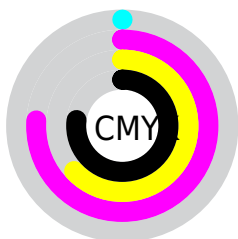
 Blue (9%)




 Red (23%)

 Yellow (5%)

 Blue (9%)

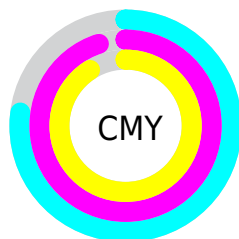


 Cyan (0%)


 Magenta (76%)

 Yellow (63%)

 Black (77%)



 Cyan (77%)

 Magenta (95%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B0E16 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 3B0E16 by changing the saturation by 10% instead.

 3B0E16

 3B0E16

 FFF3F7

 270000

 6D3B40

 000000

 885357

 A36B70

 BF8589

 DB9FA3

 F8BABF

 FFD6DA

 3B0E16

 3B0E16

■ 3B0811

■ 3B141B

■ 3B020C

■ 3B1A20

■ 3B000A

■ 3B2025

■ 3B2629

■ 3B2C2E

■ 3B3133

■ 3B3738

■ 3B3D3D

■ 3B4342

Harmonies

Analogous

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



370F26



3B0E16



371300

Triad

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



3B0E16



0D2300



00223E

Complementary

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



3B0E16



0E3B33

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.



002535



3B0E16



002516

Square

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



3B0E16



1F2000



002627



0D1D3D

Rectangle

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



3B0E16



311800



002627



00233C

Sweetspot

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



3B0E16



4D3B3E



330E3B



261C1D



A6A6A6



262626

Same Dimension

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



3B0E16



4D0613



3B1C0E



1F1C1C



5E0011



DE0027

Inverse Universe

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



3B0E16



4D0613



0E2D3B



1F1C1C



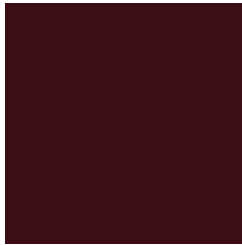
5E0011



DE0027

Previews

White Background



This preview shows how the Hex color 3B0E16 looks on a white background.

Color Contrast Check

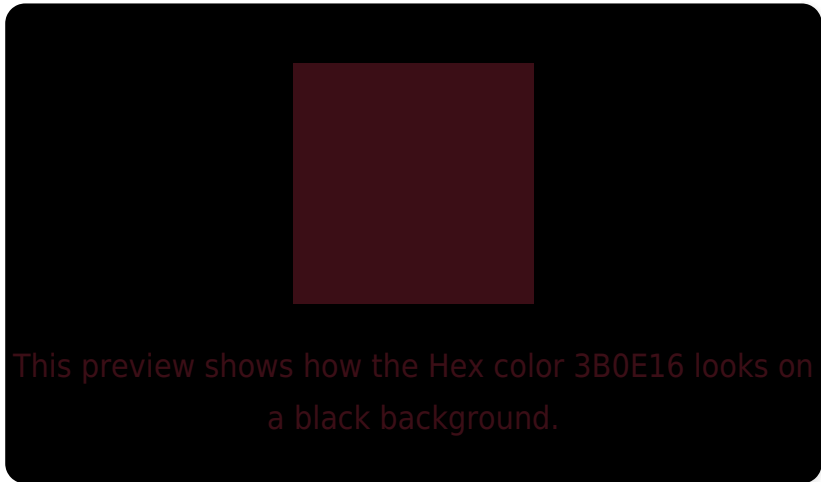
Large Text (above 18pt) WCAG AA ✓ Pass

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

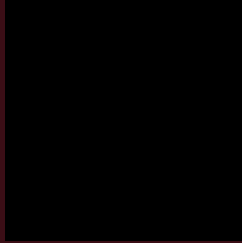
Any Text WCAG AA × Fail

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 3B0E16 Background



This preview shows how black text looks on a background with the Hex color 3B0E16.

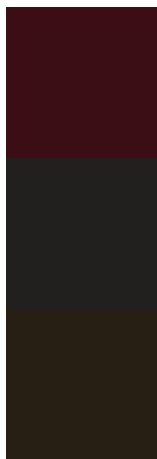


This preview shows how white text looks on a background with the Hex color 3B0E16.

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](#).

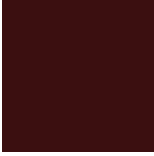
Dichromacy



Original Color
3B0E16

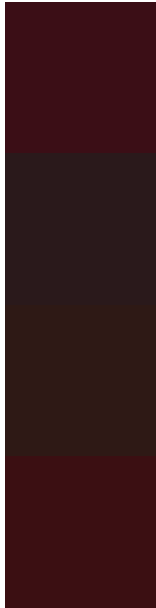
Protanopia
21201E

Deuteranopia
271F14



Tritanopia
3B0F10

Trichromacy



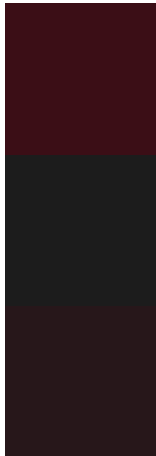
Original Color
3B0E16

Protanomaly
2A191B

Deuteranomaly
2E1915

Tritanomaly
3B0F12

Monochromacy



Original Color
3B0E16

Achromatopsia
1C1C1C

Achromatomaly
27171A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B0E16 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 #3B0E16 looks like.

```
.text, #text, p{  
    color:#3B0E16  
}
```

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 #3B0E16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B0E16
}
```

Border

The CSS property to change the border of an element to Hex 3B0E16 is called "border". The border property can be set on classes, ids or directly on the HTML element.

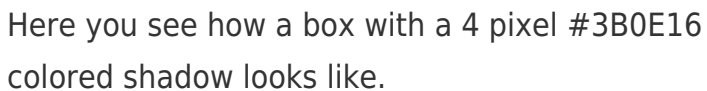
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B0E16 }
```

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

```
.border{ border-color:#3B0E16 }
```

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



Here you see how a box with a 4 pixel #3B0E16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B0E16; -webkit-box-shadow:4px 4px  
4px 4px #3B0E16; box-shadow:4px 4px 4px  
4px #3B0E16 }
```

Background

The CSS property to change the background color of an element to Hex 3B0E16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B0E16 }
```

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

```
.background{ background-color:#3B0E16 }
```

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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