

Converting Colors

Hex(4B3B0F)

Have a look what the booklet for
Hex(4B3B0F) contains.

Hex(4B3B0F)	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(4B3B0F)

Conversions

Conversions Part 1

Format	Color
Hex	4B3B0F
RGB	75, 59, 15
RGB Percent	29%, 23%, 6%
CMY	0.7059, 0.7686, 0.9412
CMYK	0.00, 0.21, 0.80, 0.71
HSL	44°, 67%, 18%
HSV	44°, 80%, 29%
XYZ	4.5518, 4.6583, 1.1112
YIQ	58.7680, 23.6600, -10.2920

Conversions

Conversions Part 2

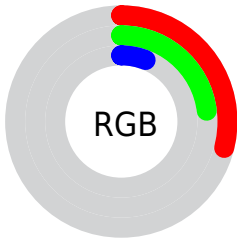
Format	Color
R_{YB}	37, 75, 15
Decimal	4930319
CIE Lab	25.74, 1.67, 28.58
CIE LCh	26, 28.630, 86.660
Yxy	4.6583, 0.4410, 0.4513
Android (android.graphics.Color)	4283120399 (0xFF4B3B0F)
YUV	58.7680, -21.5776, 14.2355
Hunter-Lab	21.5830, -0.1249, 12.0557

Details

The Hex color **4B3B0F** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0F1F4B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7E6A3C**, and **1B1100** is the 20% darker color. If you saturate the color by 10%, you get **4B3907**, and if you desaturate by 10%, it is **4B3D17**.

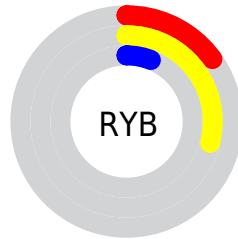
Distribution



Red (29%)

Green (23%)

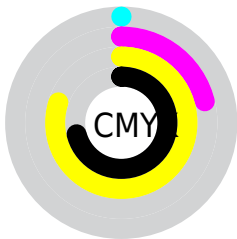
Blue (6%)



Red (15%)

Yellow (29%)

Blue (6%)

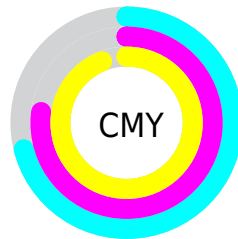


Cyan (0%)

Magenta (21%)

Yellow (80%)

Black (71%)



Cyan (71%)

Magenta (77%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3B0F 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 4B3B0F by changing the saturation by 10% instead.

 4B3B0F

 4B3B0F

 FFFFF4

 342500

 7E6A3C

 1B1100

 998354

 000000

 B49D6C

 D1B886

 EDD4A0

 FFF0BC

 FFFFD8

 4B3B0F

 4B3B0F

■ 4B3907

■ 4B3D17

■ 4B3700

■ 4B3F1E

■ 4B4126

■ 4B432D

■ 4B4535

■ 4B473C

■ 4B4944

■ 4B4B4B

■ 4B4D53

Harmonies

Analogous

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



5B3319



4B3B0F



364114

Triad

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



4B3B0F



004750



552F55

Complementary

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



4B3B0F



0F1F4B

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.



3A3864



4B3B0F



004561

Square

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



4B3B0F



00473A



004068



632A40

Rectangle

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



4B3B0F



24441E



004068



4E325B

Sweetspot

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



4B3B0F



615B4A



4B0F1F



302D22



B0B0B0



303030

Same Dimension

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



4B3B0F



614804



3D4B0F



262522



664B00



E6A800

Inverse Universe

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



0F1F4B



041D61



1D0F4B



222326



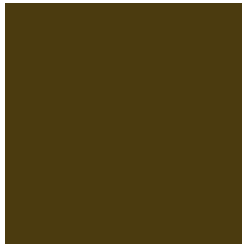
001B66



003DE6

Previews

White Background



This preview shows how the Hex color 4B3B0F looks on a white background.

Color Contrast Check

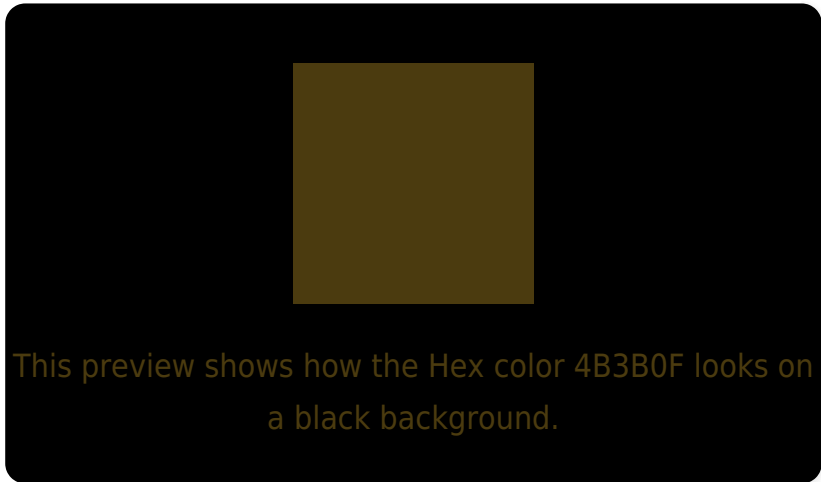
Large Text (above 18pt) WCAG AA ✓ Pass

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

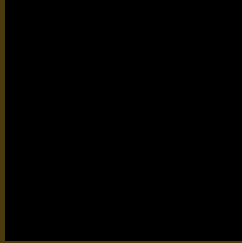
Any Text WCAG AA × Fail

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 4B3B0F Background



This preview shows how black text looks on a background with the Hex color 4B3B0F.



This preview shows how white text looks on a background with the Hex color 4B3B0F.

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](#).

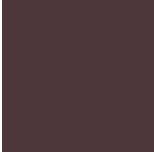
Dichromacy



Original Color
4B3B0F

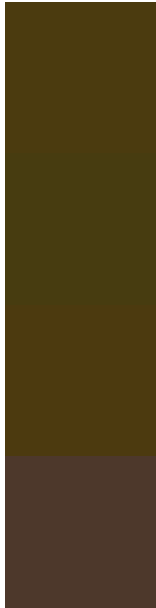
Protanopia
453D10

Deuteranopia
4D3A0F



Tritanopia
4E373B

Trichromacy



Original Color
4B3B0F

Protanomaly
473C10

Deuteranomaly
4C3A0F

Tritanomaly
4D382B

Monochromacy



Original Color
4B3B0F

Achromatopsia
3B3B3B

Achromatomaly
413B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3B0F 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 #4B3B0F looks like.

```
.text, #text, p{  
    color:#4B3B0F  
}
```

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 #4B3B0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3B0F
}
```

Border

The CSS property to change the border of an element to Hex 4B3B0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

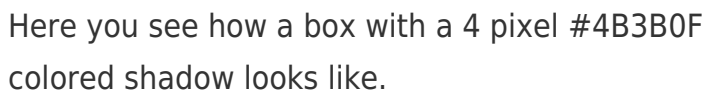
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B3B0F }
```

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

```
.border{ border-color:#4B3B0F }
```

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



Here you see how a box with a 4 pixel #4B3B0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3B0F; -webkit-box-shadow:4px 4px  
4px 4px #4B3B0F; box-shadow:4px 4px 4px  
4px #4B3B0F }
```

Background

The CSS property to change the background color of an element to Hex 4B3B0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3B0F }
```

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

```
.background{ background-color:#4B3B0F }
```

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