

Converting Colors

Hex(4B0F0F)

Have a look what the booklet for
Hex(4B0F0F) contains.

Hex(4B0F0F)	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(4B0F0F)

Conversions

Conversions Part 1

Format	Color
Hex	4B0F0F
RGB	75, 15, 15
RGB Percent	29%, 6%, 6%
CMY	0.7059, 0.9412, 0.9412
CMYK	0.00, 0.80, 0.80, 0.71
HSL	0°, 67%, 18%
HSV	0°, 80%, 29%
XYZ	3.1587, 1.8720, 0.6468
YIQ	32.9400, 35.7600, 12.7200

Conversions

Conversions Part 2

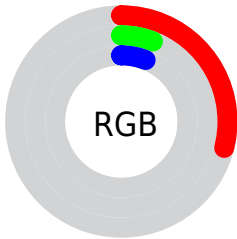
Format	Color
RYB	75, 15, 15
Decimal	4919055
CIELab	14.80, 27.99, 16.27
CIElCh	15, 32.375, 30.162
Yxy	1.8720, 0.5564, 0.3297
Android (android.graphics.Color)	4283109135 (0xFF4B0F0F)
YUV	32.9400, -8.8444, 36.8866
Hunter-Lab	13.6821, 17.2656, 6.7747

Details

The Hex color **4B0F0F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0F4B4B**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **803E39**, and **0E0000** is the 20% darker color. If you saturate the color by 10%, you get **4B0707**, and if you desaturate by 10%, it is **4B1717**.

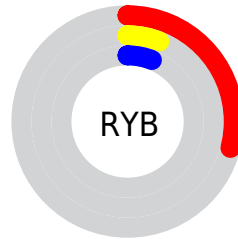
Distribution



Red (29%)

Green (6%)

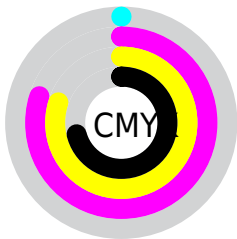
Blue (6%)



Red (29%)

Yellow (6%)

Blue (6%)

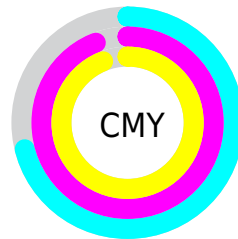


Cyan (0%)

Magenta (80%)

Yellow (80%)

Black (71%)



Cyan (71%)

Magenta (94%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B0F0F 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 4B0F0F by changing the saturation by 10% instead.

 4B0F0F

 4B0F0F

 FFF8EE

 320000

 803E39

 0E0000

 9C5750

 000000

 B87068

 D58982

 F3A49C

 FFC0B6

 FFD0D2

 4B0F0F

 4B0F0F

■ 4B0707

■ 4B1717

■ 4B0000

■ 4B1E1E

■ 4B2626

■ 4B2D2D

■ 4B3535

■ 4B3C3C

■ 4B4444

■ 4B4B4B

■ 4B5353

Harmonies

Analogous

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



4C0926



4B0F0F



411B00

Triad

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



4B0F0F



002E0C



002853

Complementary

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



4B0F0F



0F4B4B

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.



002D4D



4B0F0F



002F25

Square

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



4B0F0F



1A2A00



002F3C



231F4D

Rectangle

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



4B0F0F



362200



002F3C



002A52

Sweetspot

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



4B0F0F



614A4A



4B0F4B



302222



B0B0B0



303030

Same Dimension

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



4B0F0F



610404



4B2D0F



262222



660000



E60000

Inverse Universe

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



0F4B4B



046161



0F2D4B



222626



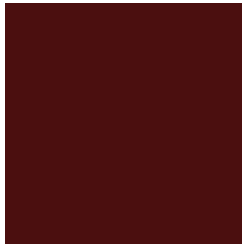
006666



00E6E6

Previews

White Background



This preview shows how the Hex color 4B0F0F looks on a white background.

Color Contrast Check

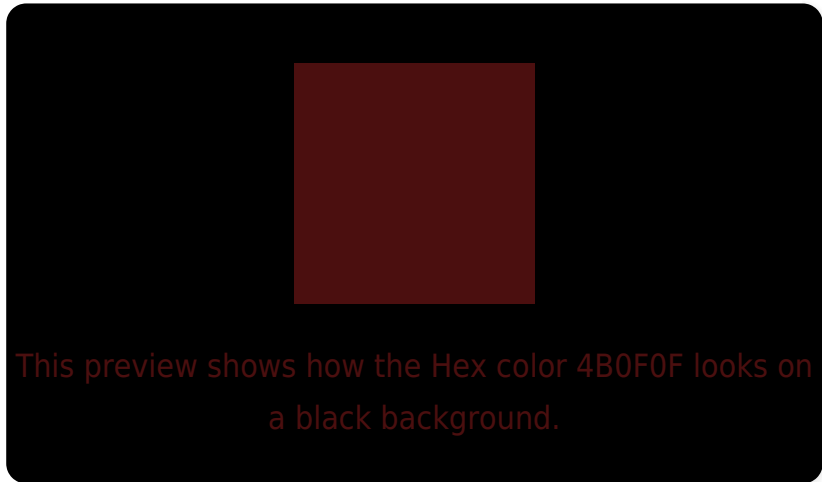
Large Text (above 18pt) WCAG AA ✓ Pass

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

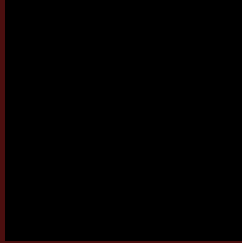
Any Text WCAG AA × Fail

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 4B0F0F Background



This preview shows how black text looks on a background with the Hex color 4B0F0F.

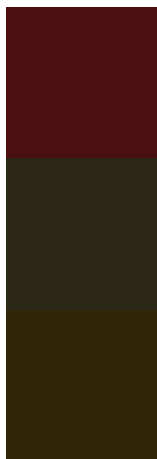


This preview shows how white text looks on a background with the Hex color 4B0F0F.

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
4B0F0F

Protanopia
2B2816

Deuteranopia
32260A

Trichromacy



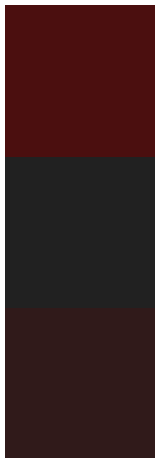
Original Color
4B0F0F

Protanomaly
371F13

Deuteranomaly
3B1E0C

Tritanomaly
4B0F0F

Monochromacy



Original Color
4B0F0F

Achromatopsia
212121

Achromatomaly
301A1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B0F0F 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 #4B0F0F looks like.

```
.text, #text, p{  
    color:#4B0F0F  
}
```

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 #4B0F0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B0F0F
}
```

Border

The CSS property to change the border of an element to Hex 4B0F0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

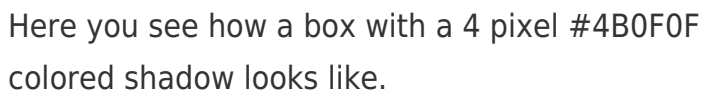
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B0F0F }
```

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

```
.border{ border-color:#4B0F0F }
```

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



Here you see how a box with a 4 pixel #4B0F0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B0F0F; -webkit-box-shadow:4px 4px  
4px 4px #4B0F0F; box-shadow:4px 4px 4px  
4px #4B0F0F }
```

Background

The CSS property to change the background color of an element to Hex 4B0F0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B0F0F }
```

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

```
.background{ background-color:#4B0F0F }
```

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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