

# Converting Colors

Hex(4E0E12)

Have a look what the booklet for  
Hex(4E0E12) contains.

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# Color

**Hex(4E0E12)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E0E12
RGB	78, 14, 18
RGB Percent	31%, 5%, 7%
CMY	0.6941, 0.9451, 0.9294
CMYK	0.00, 0.82, 0.77, 0.69
HSL	356°, 70%, 18%
HSV	356°, 82%, 31%
XYZ	3.4081, 1.9774, 0.7743
YIQ	33.5920, 36.8600, 14.8120

# Conversions

## Conversions Part 2

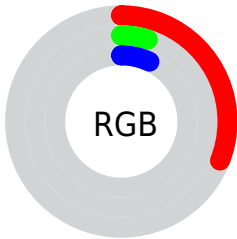
Format	Color
<a href="#">RYB</a>	<a href="#">78, 14, 18</a>
Decimal	<a href="#">5115410</a>
CIELab	<a href="#">15.37, 29.67, 15.42</a>
CIELCh	<a href="#">15, 33.437, 27.465</a>
Yxy	<a href="#">1.9774, 0.5533, 0.3210</a>
Android (android.graphics.Color)	<a href="#">4283305490 (0xFF4E0E12)</a>
YUV	<a href="#">33.5920, -7.6869, 38.9458</a>
Hunter-Lab	<a href="#">14.0622, 18.6524, 6.5788</a>

# Details

The Hex color **4E0E12** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0E4E4A**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **843E3C**, and **150000** is the 20% darker color. If you saturate the color by 10%, you get **4E060B**, and if you desaturate by 10%, it is **4E1619**.

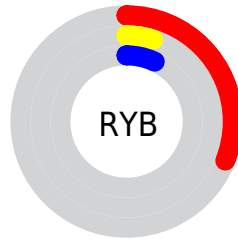
# Distribution



Red (31%)

Green (5%)

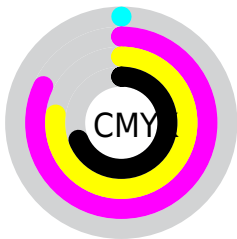
Blue (7%)



Red (31%)

Yellow (5%)

Blue (7%)

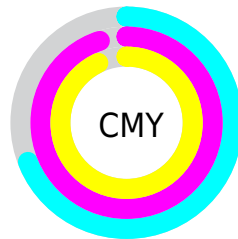


Cyan (0%)

Magenta (82%)

Yellow (77%)

Black (69%)



Cyan (69%)

Magenta (95%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E0E12 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 4E0E12 by changing the saturation by 10% instead.



 4E0E12

 4E0E12

 FFF9F2

 350000

 843E3C

 150000

 A05753

 000000

 BC706B

 D98A85

 F6A49F

 FFC0BA

 FFD0D5

 4E0E12

 4E0E12

■ 4E060B

■ 4E1619

■ 4E0005

■ 4E1E21

■ 4E2528

■ 4E2D2F

■ 4E3537

■ 4E3D3E

■ 4E4545

■ 4E4C4D

■ 4E5454

# Harmonies

## Analogous

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



4E092A



4E0E12



441A00

# Triad

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



4E0E12



002F09



002A56

# Complementary

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



4E0E12



0E4E4A

# 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.



002F4E



4E0E12



003124

# Square

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



4E0E12



1D2B00



00313C



1F2151

# Rectangle

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



4E0E12



392200



00313C



002C55



# Sweetspot

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



4E0E12



664D4E



4A0E4E



332425



B3B3B3



333333



# Same Dimension

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



4E0E12



660208



4E2A0E



262223



660006



E6000E



# Inverse Universe

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



4E0E12



660208



0E324E



262223



660006

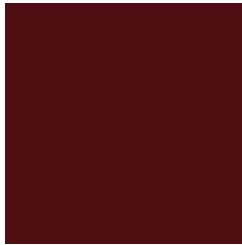


E6000E



# Previews

## White Background



This preview shows how the Hex color 4E0E12 looks on a white background.

## Color Contrast Check

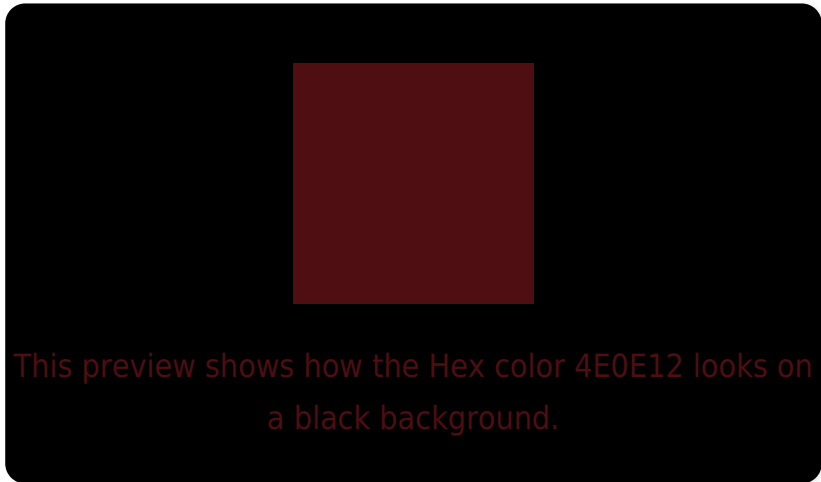
Large Text (above 18pt) WCAG AA ✓ Pass

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 4E0E12 Background



This preview shows how black text looks on a background with the Hex color 4E0E12.

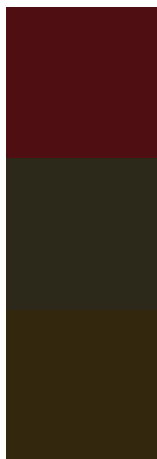


This preview shows how white text looks on a background with the Hex color 4E0E12.

# 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**  
4E0E12

**Protanopia**  
2C291A

**Deuteranopia**  
33270D



# Trichromacy



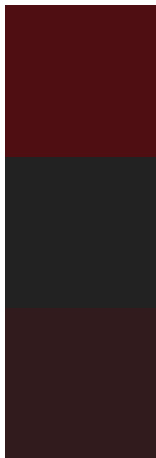
**Original Color**  
4E0E12

**Protanomaly**  
381F17

**Deuteranomaly**  
3D1E0F

**Tritanomaly**  
4E0F0F

# Monochromacy



**Original Color**  
4E0E12

**Achromatopsia**  
222222

**Achromatomaly**  
321B1C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E0E12 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 #4E0E12 looks like.

```
.text, #text, p{  
    color:#4E0E12  
}
```

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 #4E0E12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0E12
}
```

## Border

The CSS property to change the border of an element to Hex 4E0E12 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".

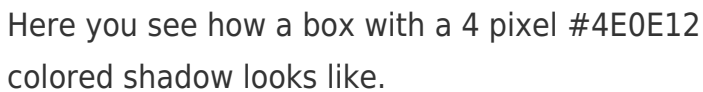
```
.border, #border, table{ border:4px solid
#4E0E12 }
```

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

```
.border{ border-color:#4E0E12 }
```

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

Here you see how a box with a 4 pixel #4E0E12 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #4E0E12 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0E12; -webkit-box-shadow:4px 4px  
4px 4px #4E0E12; box-shadow:4px 4px 4px  
4px #4E0E12 }
```

# Background

The CSS property to change the background color of an element to Hex 4E0E12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0E12 }
```

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

```
.background{ background-color:#4E0E12 }
```

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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