

# Converting Colors

Hex(4E1100)

Have a look what the booklet for  
Hex(4E1100) contains.

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**Color**

**Hex(4E1100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E1100
RGB	78, 17, 0
RGB Percent	31%, 7%, 0%
CMY	0.6941, 0.9333, 1.0000
CMYK	0.00, 0.78, 1.00, 0.69
HSL	13°, 100%, 15%
HSV	13°, 100%, 31%
XYZ	3.3423, 2.0206, 0.2139
YIQ	33.3010, 41.8130, 7.6450

# Conversions

## Conversions Part 2

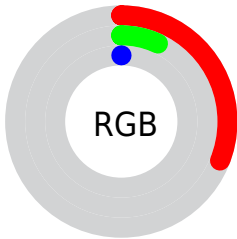
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 22, 0
Decimal	5116160
CIELab	15.59, 27.62, 23.83
CIElCh	16, 36.482, 40.781
Yxy	2.0206, 0.5993, 0.3623
Android (android.graphics.Color)	4283306240 (0xFF4E1100)
YUV	33.3010, -16.4174, 39.2010
Hunter-Lab	14.2148, 17.0950, 9.0584

# Details

The Hex color **4E1100** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **003D4E**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **84402F**, and **140000** is the 20% darker color. If you saturate the color by 10%, you get **4E1100**, and if you desaturate by 10%, it is **4E1708**.

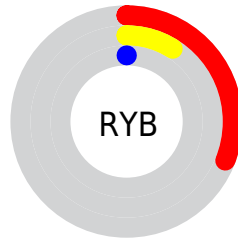
# Distribution



Red (31%)

Green (7%)

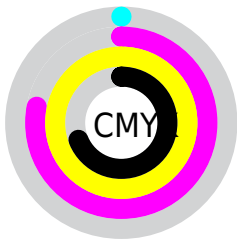
Blue (0%)



Red (31%)

Yellow (9%)

Blue (0%)

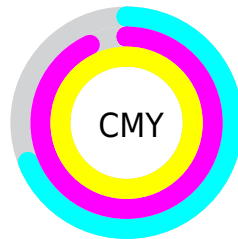


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (69%)



Cyan (69%)

Magenta (93%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E1100 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 4E1100 by changing the saturation by 10% instead.



 4E1100

 4E1100

 FFFAE2

 340000

 84402F

 140000

 A05846

 000000

 BD715D

 DA8B76

 F8A690

 FFC2AA

 FFDEC6

 4E1100

■ 4E1708

■ 4E1D10

■ 4E2317

■ 4E291F

■ 4E3027

■ 4E362F

■ 4E3C37

■ 4E423E

■ 4E4846

# Harmonies

## Analogous

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



53031F



4E1100



3F1F00

# Triad

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



4E1100



003115



00275A

# Complementary

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



4E1100



003D4E

# 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.



002E58



4E1100



003230

# Square

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



4E1100



0D2E00



003148



321B4F

# Rectangle

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



4E1100



312600



003148



002A5B



# Sweetspot

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



4E1100



664E47



4E003D



332521



B3B3B3



333333



# Same Dimension

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



4E1100



661600



4E3800



262322



E63200

# Inverse Universe

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



003D4E



005066



00164E



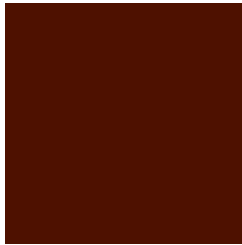
222526



00B3E6

# Previews

## White Background



This preview shows how the Hex color 4E1100 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

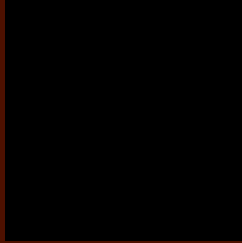
Any Text WCAG AA × Fail

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 4E1100 Background



This preview shows how black text looks on a background with the Hex color 4E1100.

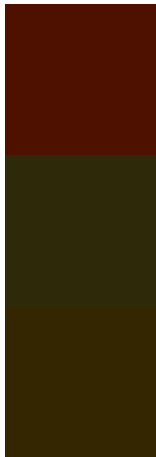


This preview shows how white text looks on a background with the Hex color 4E1100.

# 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**  
4E1100

**Protanopia**  
2E2909

**Deuteranopia**  
342700





**Tritanopia**  
4E1010

# Trichromacy



**Original Color**  
4E1100

**Protanomaly**  
3A2006

**Deuteranomaly**  
3D1F00

**Tritanomaly**  
4E100A

# Monochromacy



**Original Color**  
4E1100

**Achromatopsia**  
212121

**Achromatomaly**  
311B15

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E1100 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 #4E1100 looks like.

```
.text, #text, p{  
    color:#4E1100  
}
```

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 #4E1100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E1100
}
```

## Border

The CSS property to change the border of an element to Hex 4E1100 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".

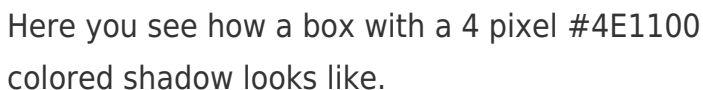
```
.border, #border, table{ border:4px solid
#4E1100 }
```

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

```
.border{ border-color:#4E1100 }
```

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

Here you see how a box with a 4 pixel #4E1100 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E1100; -webkit-box-shadow:4px 4px  
4px 4px #4E1100; box-shadow:4px 4px 4px  
4px #4E1100 }
```

# Background

The CSS property to change the background color of an element to Hex 4E1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E1100 }
```

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

```
.background{ background-color:#4E1100 }
```

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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