

# Converting Colors

Hex(4E1C11)

Have a look what the booklet for  
Hex(4E1C11) contains.

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# Color

**Hex(4E1C11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E1C11
RGB	78, 28, 17
RGB Percent	31%, 11%, 7%
CMY	0.6941, 0.8902, 0.9333
CMYK	0.00, 0.64, 0.78, 0.69
HSL	11°, 64%, 19%
HSV	11°, 78%, 31%
XYZ	3.6583, 2.4907, 0.8182
YIQ	41.6960, 33.3310, 7.1790

# Conversions

## Conversions Part 2

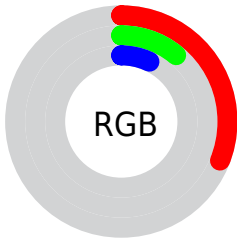
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 30, 17
Decimal	5118993
CIELab	17.88, 22.80, 19.12
CIElCh	18, 29.753, 39.981
Yxy	2.4907, 0.5251, 0.3575
Android (android.graphics.Color)	4283309073 (0xFF4E1C11)
YUV	41.6960, -12.1751, 31.8386
Hunter-Lab	15.7819, 13.7588, 7.9733

# Details

The Hex color **4E1C11** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **11434E**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **834A3B**, and **1B0001** is the 20% darker color. If you saturate the color by 10%, you get **4E1609**, and if you desaturate by 10%, it is **4E2219**.

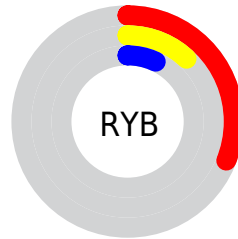
# Distribution



Red (31%)

Green (11%)

Blue (7%)



Red (31%)

Yellow (12%)

Blue (7%)

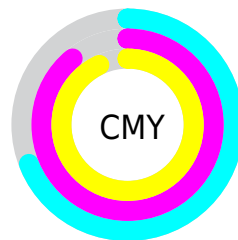


Cyan (0%)

Magenta (64%)

Yellow (78%)

Black (69%)



Cyan (69%)

Magenta (89%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E1C11 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 4E1C11 by changing the saturation by 10% instead.



 4E1C11

 4E1C11

 FFFFF1

 350600

 834A3B

 1B0001

 9F6253

 000000

 BB7B6B

 D89584

 F5B09E

 FFCCB9

 FFE8D5

 4E1C11

 4E1C11

■ 4E1609

■ 4E2219

■ 4E0F01

■ 4E2921

■ 4E0E00

■ 4E2F28

■ 4E3630

■ 4E3C38

■ 4E4240

■ 4E4948

■ 4E4F4F

■ 4E5657

# Harmonies

## Analogous

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



521625



4E1C11



422500

# Triad

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



4E1C11



00351C



032C56

# Complementary

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



4E1C11



11434E

# 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.



003254



4E1C11



003633

# Square

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



4E1C11



183206



003547



36234D

# Rectangle

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



4E1C11



372B00



003547



002E57



# Sweetspot

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



4E1C11



66534F



4E1144



332725



B3B3B3



333333



# Same Dimension

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



4E1C11



661706



4E3A11



262322



661200



E62900



# Inverse Universe

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



11434E



065566



11254E



222626



005466

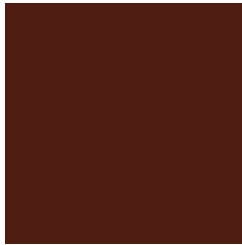


00BCE6



# Previews

## White Background



This preview shows how the Hex color 4E1C11 looks on a white background.

## Color Contrast Check

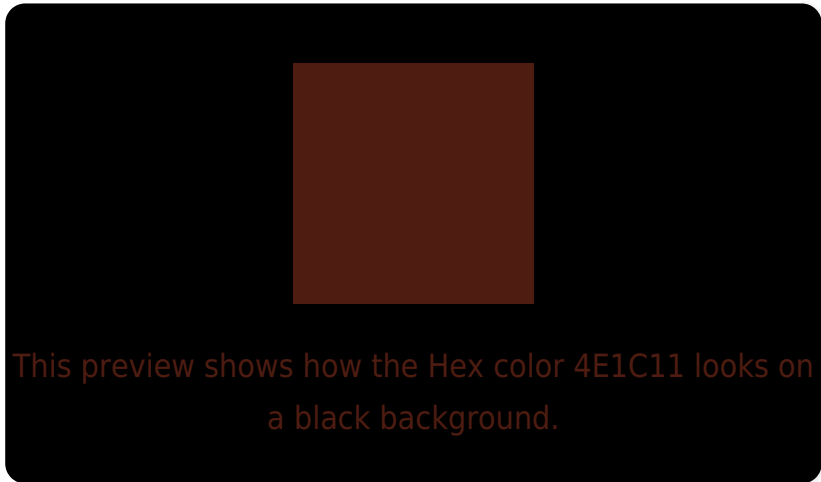
Large Text (above 18pt) WCAG AA ✓ Pass

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

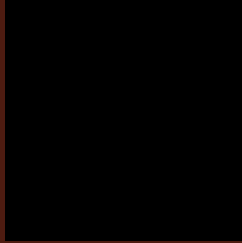
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4E1C11 Background



This preview shows how black text looks on a background with the Hex color 4E1C11.

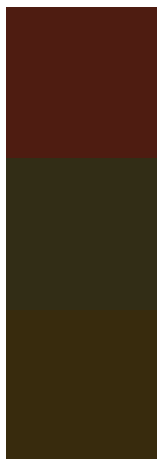


This preview shows how white text looks on a background with the Hex color 4E1C11.

# 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**  
4E1C11

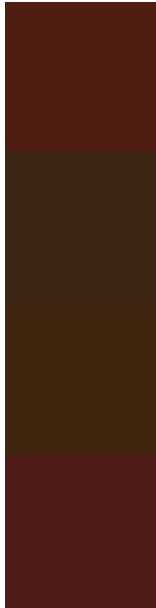
**Protanopia**  
322D16

**Deuteranopia**  
382B0D



**Tritanopia**  
4E1B1C

# Trichromacy



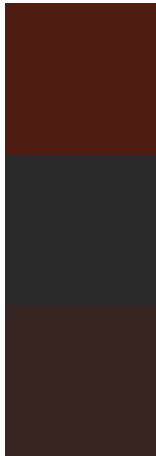
**Original Color**  
4E1C11

**Protanomaly**  
3C2714

**Deuteranomaly**  
40260E

**Tritanomaly**  
4E1B18

# Monochromacy



**Original Color**  
4E1C11

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
372521

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E1C11 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 #4E1C11 looks like.

```
.text, #text, p{  
    color:#4E1C11  
}
```

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 #4E1C11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E1C11  
}
```

## Border

The CSS property to change the border of an element to Hex 4E1C11 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".

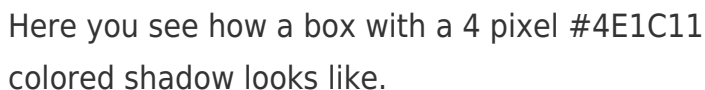
```
.border, #border, table{ border:4px solid  
#4E1C11 }
```

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

```
.border{ border-color:#4E1C11 }
```

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

Here you see how a box with a 4 pixel #4E1C11 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, extending to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E1C11; -webkit-box-shadow:4px 4px  
4px 4px #4E1C11; box-shadow:4px 4px 4px  
4px #4E1C11 }
```

# Background

The CSS property to change the background color of an element to Hex 4E1C11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E1C11 }
```

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

```
.background{ background-color:#4E1C11 }
```

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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