

# Converting Colors

Hex(4E1718)

Have a look what the booklet for  
Hex(4E1718) contains.

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**Color**

**Hex(4E1718)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E1718
RGB	78, 23, 24
RGB Percent	31%, 9%, 9%
CMY	0.6941, 0.9098, 0.9059
CMYK	0.00, 0.71, 0.69, 0.69
HSL	359°, 54%, 20%
HSV	359°, 71%, 31%
XYZ	3.6132, 2.2984, 1.1174
YIQ	39.5590, 32.4590, 11.9710

# Conversions

## Conversions Part 2

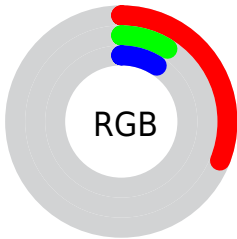
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 23, 24
Decimal	5117720
CIELab	16.98, 25.96, 13.40
CIElCh	17, 29.214, 27.308
Yxy	2.2984, 0.5140, 0.3270
Android (android.graphics.Color)	4283307800 (0xFF4E1718)
YUV	39.5590, -7.6706, 33.7128
Hunter-Lab	15.1606, 16.0099, 6.2427

# Details

The Hex color **4E1718** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **174E4D**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **834543**, and **1A0001** is the 20% darker color. If you saturate the color by 10%, you get **4E0F10**, and if you desaturate by 10%, it is **4E1F20**.

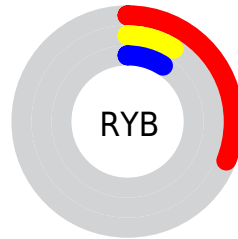
# Distribution



Red (31%)

Green (9%)

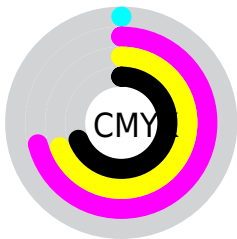
Blue (9%)



Red (31%)

Yellow (9%)

Blue (9%)

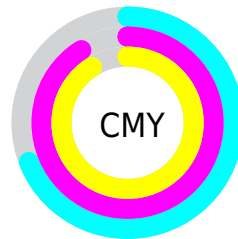


Cyan (0%)

Magenta (71%)

Yellow (69%)

Black (69%)



Cyan (69%)

Magenta (91%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E1718 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 4E1718 by changing the saturation by 10% instead.



 4E1718

 4E1718

 FFFFA

 360000

 834543

 1A0001

 9E5E5A

 000000

 BA7773

 D7918C

 F4ACA7

 FFC7C2

 FFE4DE

 4E1718

 4E1718

■ 4E0F10

■ 4E1F20

■ 4E0709

■ 4E2727

■ 4E0001

■ 4E2E2F

■ 4E3637

■ 4E3E3E

■ 4E4646

■ 4E4E4E

■ 4E5555

■ 4E5D5D

# Harmonies

## Analogous

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



4E142D



4E1718



452001

# Triad

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



4E1718



003212



002D54

# Complementary

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



4E1718



174E4D

# 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.



00314D



4E1718



003327

# Square

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



4E1718



222E00



00333C



25254F

# Rectangle

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



4E1718



3C2600



00333C



002F53



# Sweetspot

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



4E1718



665151



4C174E



332626



B3B3B3



333333



# Same Dimension

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



4E1718



660F11



4E3117



262222



660002



E60004



# Inverse Universe

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



4E1718



660F11



17344E



262222



660002

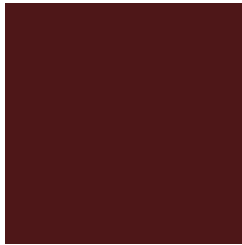


E60004



# Previews

## White Background



This preview shows how the Hex color 4E1718 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

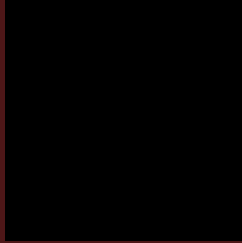
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E1718 Background



This preview shows how black text looks on a background with the Hex color 4E1718.

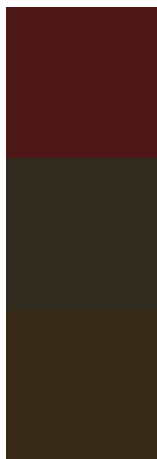


This preview shows how white text looks on a background with the Hex color 4E1718.

# 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**  
4E1718

**Protanopia**  
2F2B1F

**Deuteranopia**  
362915



**Tritanopia**  
4E1718

# Trichromacy



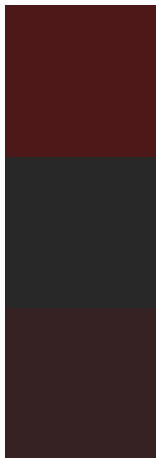
**Original Color**  
4E1718

**Protanomaly**  
3A241C

**Deuteranomaly**  
3F2216

**Tritanomaly**  
4E1718

# Monochromacy



**Original Color**  
4E1718

**Achromatopsia**  
282828

**Achromatomaly**  
362222

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E1718 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 #4E1718 looks like.

```
.text, #text, p{  
    color:#4E1718  
}
```

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 #4E1718 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E1718  
}
```

## Border

The CSS property to change the border of an element to Hex 4E1718 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".

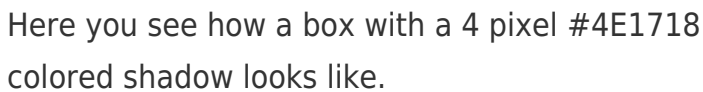
```
.border, #border, table{ border:4px solid  
#4E1718 }
```

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

```
.border{ border-color:#4E1718 }
```

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

Here you see how a box with a 4 pixel #4E1718 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 and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E1718; -webkit-box-shadow:4px 4px  
4px 4px #4E1718; box-shadow:4px 4px 4px  
4px #4E1718 }
```

# Background

The CSS property to change the background color of an element to Hex 4E1718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E1718 }
```

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

```
.background{ background-color:#4E1718 }
```

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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