

# Converting Colors

Hex(4E1010)

Have a look what the booklet for  
Hex(4E1010) contains.

<b>Hex(4E1010)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(4E1010)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E1010
RGB	78, 16, 16
RGB Percent	31%, 6%, 6%
CMY	0.6941, 0.9373, 0.9373
CMYK	0.00, 0.79, 0.79, 0.69
HSL	0°, 66%, 18%
HSV	0°, 79%, 31%
XYZ	3.4207, 2.0277, 0.7013
YIQ	34.5380, 36.9520, 13.1440

# Conversions

## Conversions Part 2

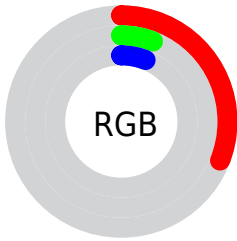
Format	Color
<a href="#">RYB</a>	<a href="#">78, 16, 16</a>
Decimal	<a href="#">5115920</a>
CIELab	<a href="#">15.63, 28.74, 16.92</a>
CIElCh	<a href="#">16, 33.348, 30.491</a>
Yxy	<a href="#">2.0277, 0.5562, 0.3297</a>
Android (android.graphics.Color)	<a href="#">4283306000 (0xFF4E1010)</a>
YUV	<a href="#">34.5380, -9.1392, 38.1162</a>
Hunter-Lab	<a href="#">14.2397, 17.9603, 7.0478</a>

# Details

The Hex color **4E1010** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **104E4E**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **84403A**, and **160000** is the 20% darker color. If you saturate the color by 10%, you get **4E0808**, and if you desaturate by 10%, it is **4E1818**.

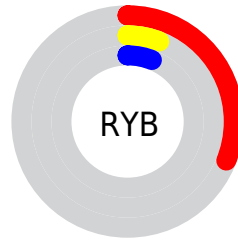
# Distribution



Red (31%)

Green (6%)

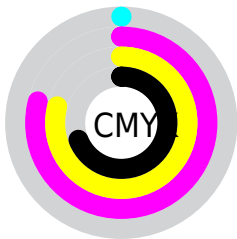
Blue (6%)



Red (31%)

Yellow (6%)

Blue (6%)

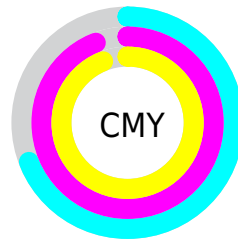


Cyan (0%)

Magenta (79%)

Yellow (79%)

Black (69%)



Cyan (69%)

Magenta (94%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E1010 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 4E1010 by changing the saturation by 10% instead.



 4E1010

 4E1010

 FFFAF0

 350000

 84403A

 160000

 A05851

 000000

 BC7169

 D98B83

 F7A69D

 FFC1B8

 FFDDD3

 4E1010

 4E1010

■ 4E0808

■ 4E1818

■ 4E0000

■ 4E2020

■ 4E2727

■ 4E2F2F

■ 4E3737

■ 4E3F3F

■ 4E4747

■ 4E4E4E

■ 4E5656

# Harmonies

## Analogous

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



4F0A28



4E1010



431C00

# Triad

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



4E1010



00300D



002A57

# Complementary

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



4E1010



104E4E

# 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.



002F50



4E1010



003127

# Square

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



4E1010



1B2C00



00313E



252050

# Rectangle

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



4E1010



382300



00313E



002C56



# Sweetspot

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



4E1010



664E4E



4E104E



332424



B3B3B3



333333



# Same Dimension

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



4E1010



660505



4E2F10



262222



660000



E60000



# Inverse Universe

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



104E4E



056666



102F4E



222626



006666

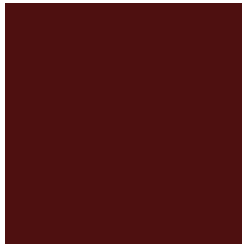


00E6E6



# Previews

## White Background



This preview shows how the Hex color 4E1010 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

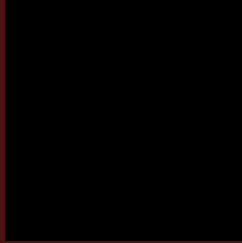
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E1010 Background



This preview shows how black text looks on a background with the Hex color 4E1010.

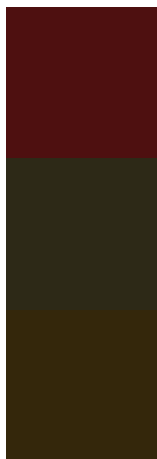


This preview shows how white text looks on a background with the Hex color 4E1010.

# 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**  
4E1010

**Protanopia**  
2D2917

**Deuteranopia**  
34270B



**Tritanopia**  
4E1010

# Trichromacy



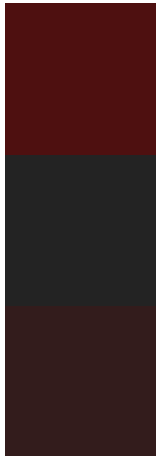
**Original Color**  
4E1010

**Protanomaly**  
392014

**Deuteranomaly**  
3D1F0D

**Tritanomaly**  
4E1010

# Monochromacy



**Original Color**  
4E1010

**Achromatopsia**  
232323

**Achromatomaly**  
331C1C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E1010 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 #4E1010 looks like.

```
.text, #text, p{  
    color:#4E1010  
}
```

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 #4E1010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E1010
}
```

## Border

The CSS property to change the border of an element to Hex 4E1010 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".

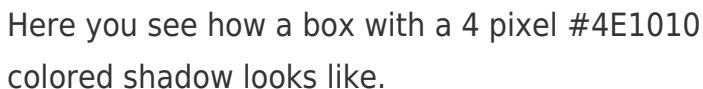
```
.border, #border, table{ border:4px solid
#4E1010 }
```

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

```
.border{ border-color:#4E1010 }
```

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

Here you see how a box with a 4 pixel #4E1010 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 #4E1010; -webkit-box-shadow:4px 4px  
4px 4px #4E1010; box-shadow:4px 4px 4px  
4px #4E1010 }
```

# Background

The CSS property to change the background color of an element to Hex 4E1010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E1010 }
```

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

```
.background{ background-color:#4E1010 }
```

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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