

Converting Colors

Hex(4E0000)

Have a look what the booklet for
Hex(4E0000) contains.

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Color

Hex(4E0000)

Conversions

Conversions Part 1

Format	Color
Hex	4E0000
RGB	78, 0, 0
RGB Percent	31%, 0%, 0%
CMY	0.6941, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.69
HSL	0°, 100%, 15%
HSV	0°, 100%, 31%
XYZ	3.1419, 1.6197, 0.1470
YIQ	23.3220, 46.4880, 16.5360

Conversions

Conversions Part 2

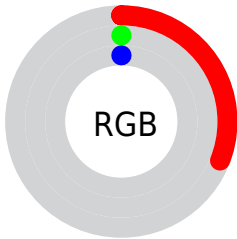
Format	Color
R_{YB}	78, 0, 0
Decimal	5111808
CIE Lab	13.35, 33.96, 20.91
CIE LCh	13, 39.883, 31.626
Yxy	1.6197, 0.6401, 0.3300
Android (android.graphics.Color)	4283301888 (0xFF4E0000)
YUV	23.3220, -11.4977, 47.9526
Hunter-Lab	12.7267, 21.7949, 8.2237

Details

The Hex color **4E0000** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **004E4E**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **85352F**, and **0D0000** is the 20% darker color. If you saturate the color by 10%, you get **4E0000**, and if you desaturate by 10%, it is **4E0808**.

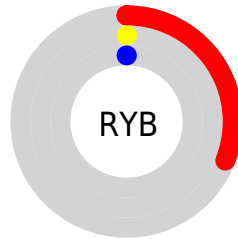
Distribution



Red (31%)

Green (0%)

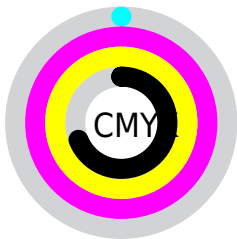
Blue (0%)



Red (31%)

Yellow (0%)

Blue (0%)

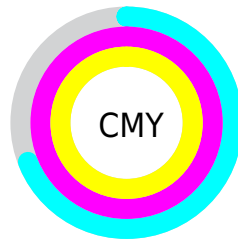


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (69%)



Cyan (69%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E0000 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 4E0000 by changing the saturation by 10% instead.

 4E0000

 4E0000

 FFEFE1

 340000

 85352F

 0D0000

 A14D46

 000000

 BE675D

 DB8076

 F99B90

 FFB6AA

 FFD2C5

 4E0000

■ 4E0808

■ 4E1010

■ 4E1717

■ 4E1F1F

■ 4E2727

■ 4E2F2F

■ 4E3737

■ 4E3E3E

■ 4E4646

Harmonies

Analogous

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



500022



4E0000



401500

Triad

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



4E0000



002C00



00265B

Complementary

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



4E0000



004E4E

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.



002C54



4E0000



002E23

Square

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



4E0000



0D2900



002E3F



1E1A52

Rectangle

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



4E0000



321E00



002E3F



00285A

Sweetspot

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



4E0000



664747



4E004E



332121



B3B3B3



333333

Same Dimension

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



4E0000



660000



4E2700



262222



E60000

Inverse Universe

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



004E4E



006666



00274E



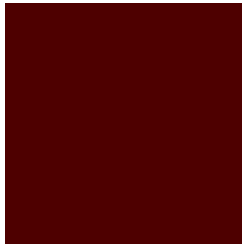
222626



00E6E6

Previews

White Background



This preview shows how the Hex color 4E0000 looks on a white background.

Color Contrast Check

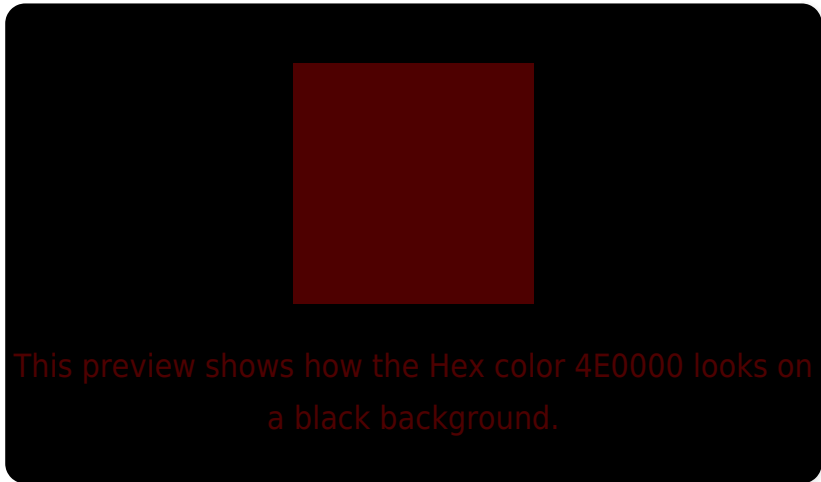
Large Text (above 18pt) WCAG AA ✓ Pass

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

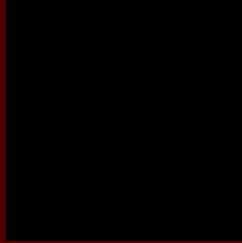
Any Text WCAG AA × Fail

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 4E0000 Background



This preview shows how black text looks on a background with the Hex color 4E0000.



This preview shows how white text looks on a background with the Hex color 4E0000.

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
4E0000

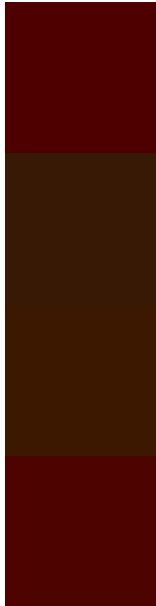
Protanopia
2C270A

Deuteranopia
322500



Tritanopia
4D0700

Trichromacy



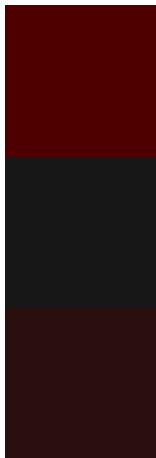
Original Color
4E0000

Protanomaly
381906

Deuteranomaly
3C1800

Tritanomaly
4D0400

Monochromacy



Original Color
4E0000

Achromatopsia
171717

Achromatomaly
2B0F0F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E0000 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 #4E0000 looks like.

```
.text, #text, p{  
    color:#4E0000  
}
```

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 #4E0000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0000
}
```

Border

The CSS property to change the border of an element to Hex 4E0000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

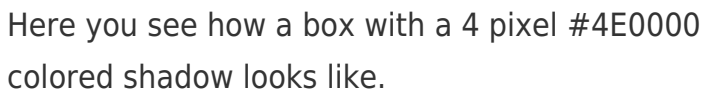
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E0000 }
```

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

```
.border{ border-color:#4E0000 }
```

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



Here you see how a box with a 4 pixel #4E0000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0000; -webkit-box-shadow:4px 4px  
4px 4px #4E0000; box-shadow:4px 4px 4px  
4px #4E0000 }
```

Background

The CSS property to change the background color of an element to Hex 4E0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0000 }
```

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

```
.background{ background-color:#4E0000 }
```

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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