

# Converting Colors

Hex(4E3400)

Have a look what the booklet for  
Hex(4E3400) contains.

<b>Hex(4E3400)</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> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

**Color**

**Hex(4E3400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E3400
RGB	78, 52, 0
RGB Percent	31%, 20%, 0%
CMY	0.6941, 0.7961, 1.0000
CMYK	0.00, 0.33, 1.00, 0.69
HSL	40°, 100%, 15%
HSV	40°, 100%, 31%
XYZ	4.3699, 4.0757, 0.5564
YIQ	53.8460, 32.1880, -10.6600

# Conversions

## Conversions Part 2

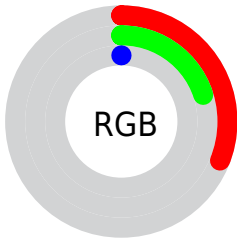
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">39, 78, 0</a>
Decimal	<a href="#">5125120</a>
CIELab	<a href="#">23.92, 7.05, 33.28</a>
CIELCh	<a href="#">24, 34.022, 78.038</a>
Yxy	<a href="#">4.0757, 0.4854, 0.4528</a>
Android (android.graphics.Color)	<a href="#">4283315200 (0xFF4E3400)</a>
YUV	<a href="#">53.8460, -26.5461, 21.1831</a>
Hunter-Lab	<a href="#">20.1883, 3.3078, 12.4979</a>

# Details

The Hex color **4E3400** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **001A4E**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **826230**, and **1D0800** is the 20% darker color. If you saturate the color by 10%, you get **4E3400**, and if you desaturate by 10%, it is **4E3708**.

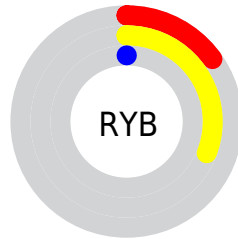
# Distribution



Red (31%)

Green (20%)

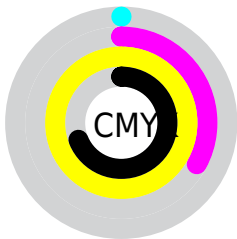
Blue (0%)



Red (15%)

Yellow (31%)

Blue (0%)

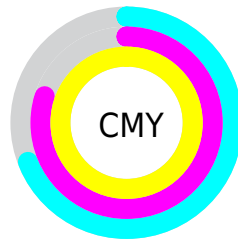


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (69%)



Cyan (69%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E3400 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 4E3400 by changing the saturation by 10% instead.



 4E3400

 4E3400

 FFFFE6

 351F00

 826230

 1D0800

 9E7B47

 000000

 BA9560

 D6AF79

 F4CB93

 FFE7AE

 FFFFC9

 4E3400

■ 4E3708

■ 4E3910

■ 4E3C17

■ 4E3E1F

■ 4E4127

■ 4E442F

■ 4E4637

■ 4E493E

■ 4E4B46

# Harmonies

## Analogous

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



5F2913



4E3400



373C00

# Triad

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



4E3400



004548



4D2B5B

# Complementary

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



4E3400



001A4E

# 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.



23366A



4E3400



00435E

# Square

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



4E3400



00442D



003F6B



622144

# Rectangle

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



4E3400



24400C



003F6B



422F61



# Sweetspot

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



4E3400



665C47



4E001A



332D21



B3B3B3



333333



# Same Dimension

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



4E3400



664400



414E00



262522



E69900

# Inverse Universe

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



001A4E



002266



0D004E



222426



004CE6

# Previews

## White Background



This preview shows how the Hex color 4E3400 looks on a white background.

## Color Contrast Check

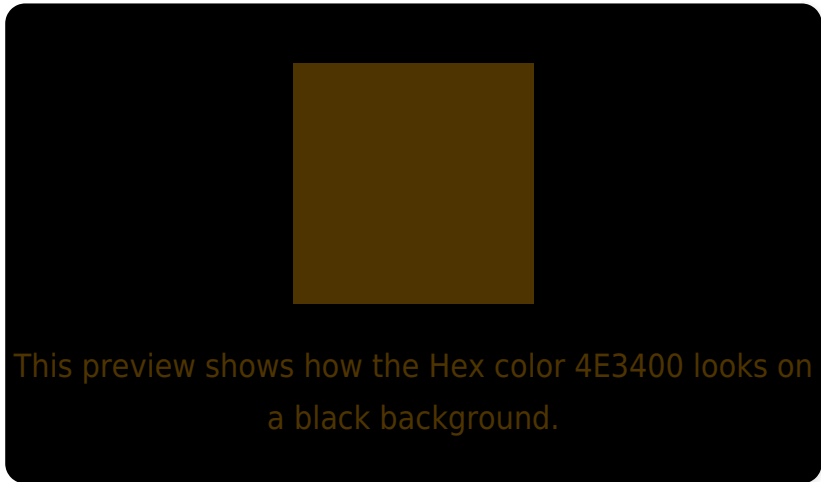
Large Text (above 18pt) WCAG AA ✓ Pass

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

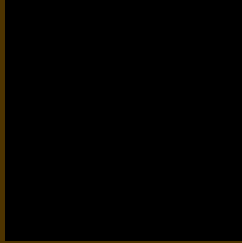
Any Text WCAG AA × Fail

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 4E3400 Background



This preview shows how black text looks on a background with the Hex color 4E3400.



This preview shows how white text looks on a background with the Hex color 4E3400.

# 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**  
4E3400

**Protanopia**  
413A05

**Deuteranopia**  
493700





**Tritanopia**  
503034

# Trichromacy



**Original Color**  
4E3400

**Protanomaly**  
463803

**Deuteranomaly**  
4B3600

**Tritanomaly**  
4F3121

# Monochromacy



**Original Color**  
4E3400

**Achromatopsia**  
363636

**Achromatomaly**  
3F3522

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E3400 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 #4E3400 looks like.

```
.text, #text, p{  
    color:#4E3400  
}
```

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 #4E3400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E3400
}
```

## Border

The CSS property to change the border of an element to Hex 4E3400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

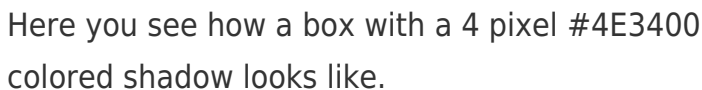
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E3400 }
```

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

```
.border{ border-color:#4E3400 }
```

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



Here you see how a box with a 4 pixel #4E3400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E3400; -webkit-box-shadow:4px 4px  
4px 4px #4E3400; box-shadow:4px 4px 4px  
4px #4E3400 }
```

# Background

The CSS property to change the background color of an element to Hex 4E3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E3400 }
```

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

```
.background{ background-color:#4E3400 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor