

Converting Colors

Hex(4E8046)

Have a look what the booklet for
Hex(4E8046) contains.

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Color

Hex(4E8046)

Conversions

Conversions Part 1

Format	Color
Hex	4E8046
RGB	78, 128, 70
RGB Percent	31%, 50%, 27%
CMY	0.6941, 0.4980, 0.7255
CMYK	0.39, 0.00, 0.45, 0.50
HSL	112°, 29%, 39%
HSV	112°, 45%, 50%
XYZ	11.9665, 17.5002, 8.5415
YIQ	106.4380, -11.1820, -28.6380

Conversions

Conversions Part 2

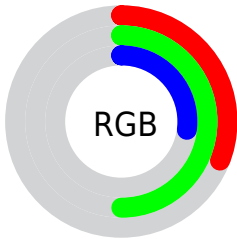
Format	Color
RYB	70, 128, 120
Decimal	5144646
CIELab	48.88, -29.07, 26.25
CIELCh	49, 39.173, 137.919
Yxy	17.5002, 0.3148, 0.4604
Android (android.graphics.Color)	4283334726 (0xFF4E8046)
YUV	106.4380, -17.9639, -24.9401
Hunter-Lab	41.8333, -22.1478, 17.1775

Details

The Hex color **4E8046** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **784680**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **82B577**, and **1C4E18** is the 20% darker color. If you saturate the color by 10%, you get **438039**, and if you desaturate by 10%, it is **598053**.

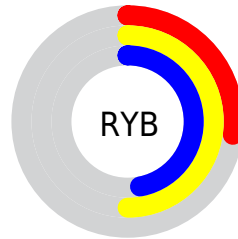
Distribution



Red (31%)

Green (50%)

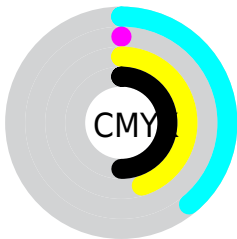
Blue (27%)



Red (27%)

Yellow (50%)

Blue (47%)

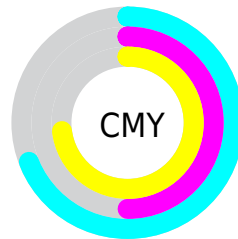


Cyan (39%)

Magenta (0%)

Yellow (45%)

Black (50%)



Cyan (69%)

Magenta (50%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E8046 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 4E8046 by changing the saturation by 10% instead.

 4E8046

 4E8046

FFFFFF

 35672F

 82B577

 1C4E18

 9CD191

 003700

 B8EDAC

 002200

 D4FFC8

 000000

 F1FFE4

 4E8046

 4E8046

 438039

 598053

 38802C

 648060

 2D8020

 6F806C

 228013

 7A8079

 178006

 858086

 128000

 908093

 9B80A0

 A680AC

 B180B9

Harmonies

Analogous

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



747832



4E8046



068465

Triad

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



4E8046



007CB5



B35962

Complementary

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



4E8046



784680

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.



AB5A83



4E8046



6071B3

Square

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



4E8046



0082A5



9064A1



A96144

Rectangle

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



4E8046



00857C



9064A1



B2586D

Sweetspot

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



4E8046



92A68F



807746



485446



D4D4D4



545454

Same Dimension

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



4E8046



59A64C



46805A



3A4039



128000



000000

Inverse Universe

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



784680



994CA6



80466C



3F3940



6E0080



000000

Previews

White Background



This preview shows how the Hex color 4E8046 looks on a white background.

Color Contrast Check

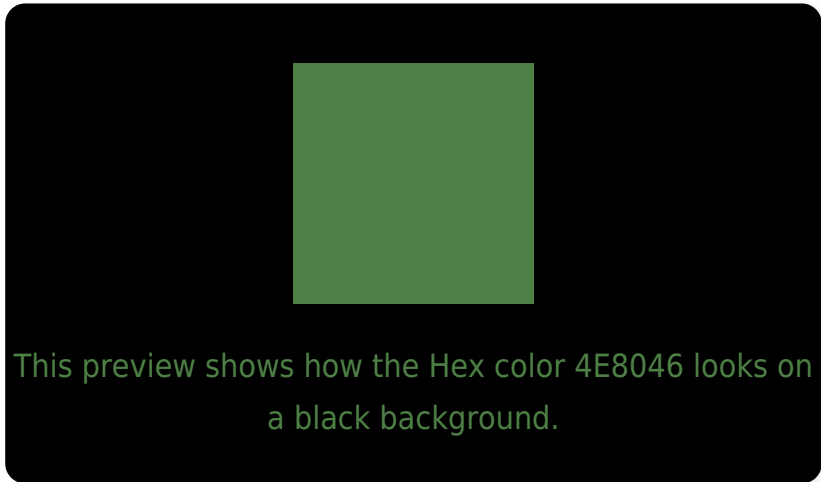
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

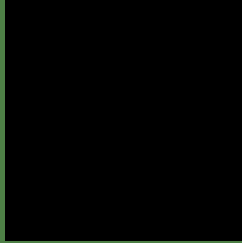
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 4E8046 Background



This preview shows how black text looks on a background with the Hex color 4E8046.



This preview shows how white text looks on a background with the Hex color 4E8046.

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





Tritanopia
597983

Trichromacy



Original Color
4E8046

Protanomaly
6D7843

Deuteranomaly
757549

Tritanomaly
557C6D

Monochromacy



Original Color
4E8046

Achromatopsia
6A6A6A

Achromatomaly
60725D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E8046 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 #4E8046 looks like.

```
.text, #text, p{  
    color:#4E8046  
}
```

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 #4E8046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E8046
}
```

Border

The CSS property to change the border of an element to Hex 4E8046 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".

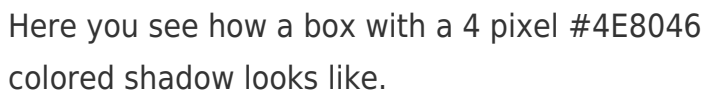
```
.border, #border, table{ border:4px solid
#4E8046 }
```

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

```
.border{ border-color:#4E8046 }
```

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

Here you see how a box with a 4 pixel #4E8046 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E8046; -webkit-box-shadow:4px 4px  
4px 4px #4E8046; box-shadow:4px 4px 4px  
4px #4E8046 }
```

Background

The CSS property to change the background color of an element to Hex 4E8046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E8046 }
```

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

```
.background{ background-color:#4E8046 }
```

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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