

Converting Colors

Hex(495033)

Have a look what the booklet for
Hex(495033) contains.

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Color

Hex(495033)

Conversions

Conversions Part 1

Format	Color
Hex	495033
RGB	73, 80, 51
RGB Percent	29%, 31%, 20%
CMY	0.7137, 0.6863, 0.8000
CMYK	0.09, 0.00, 0.36, 0.69
HSL	74°, 22%, 26%
HSV	74°, 36%, 31%
XYZ	6.2139, 7.3928, 4.2314
YIQ	74.6010, 5.1370, -10.5030

Conversions

Conversions Part 2

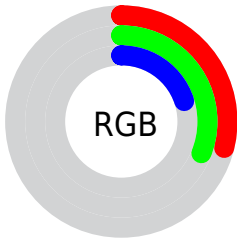
Format	Color
RYB	51, 80, 58
Decimal	4804659
CIELab	32.68, -8.42, 16.20
CIElCh	33, 18.256, 117.484
Yxy	7.3928, 0.3483, 0.4144
Android (android.graphics.Color)	4282994739 (0xFF495033)
YUV	74.6010, -11.6353, -1.4041
Hunter-Lab	27.1897, -6.7881, 9.8058

Details

The Hex color **495033** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3A3350**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7A8162**, and **1D2406** is the 20% darker color. If you saturate the color by 10%, you get **47502B**, and if you desaturate by 10%, it is **4B503B**.

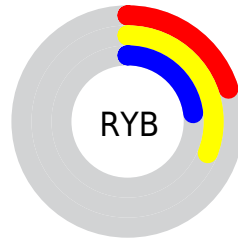
Distribution



Red (29%)

Green (31%)

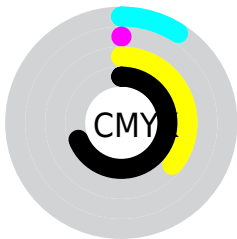
Blue (20%)



Red (20%)

Yellow (31%)

Blue (23%)

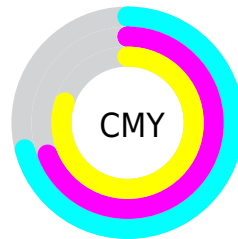


Cyan (9%)

Magenta (0%)

Yellow (36%)

Black (69%)



Cyan (71%)

Magenta (69%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 495033 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 495033 by changing the saturation by 10% instead.



495033



495033

FFFFFF



32391E



7A8162



1D2406



949B7B



000F00



AFB695



000000



CAD2AF



E6EECB



FFFFE7



495033



495033



47502B



4B503B

■ 455023

■ 4D5043

■ 43501B

■ 4F504B

■ 415013

■ 515053

■ 3F500B

■ 53505B

■ 3D5003

■ 555063

■ 3D5000

■ 57506B

■ 585073

■ 5A507B

Harmonies

Analogous

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



584C30



495033



38533D

Triad

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



495033



235265



68424F

Complementary

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



495033



3A3350

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.



5E455D



495033



384F69

Square

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



495033



1C545A



4D4A66



694340

Rectangle

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



495033



2D5446



4D4A66



654354

Sweetspot

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



495033



66695D



503A33



34362F



B5B5B5



363636

Same Dimension

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



495033



5D693B



3B5033



282925



4F6900



B0E800

Inverse Universe

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



3A3350



463B69



483350



262529



190069



3800E8

Previews

White Background



This preview shows how the Hex color 495033 looks on a white background.

Color Contrast Check

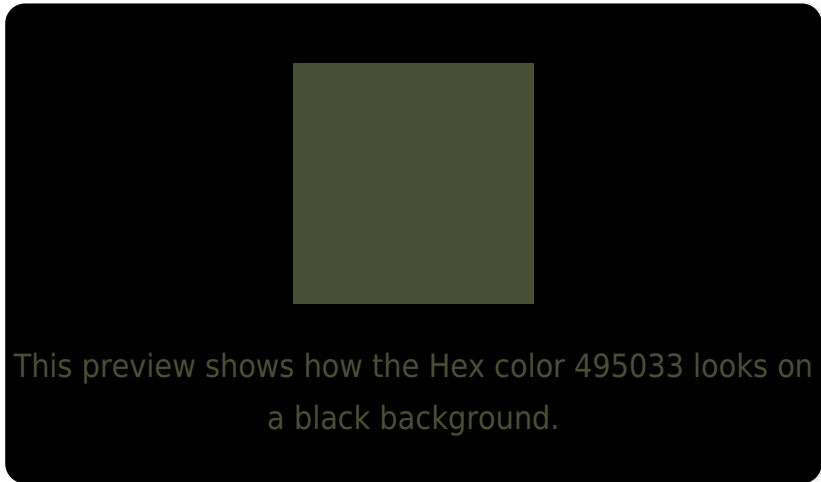
Large Text (above 18pt) WCAG AA ✓ Pass

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

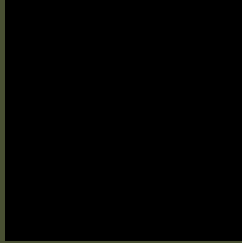
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

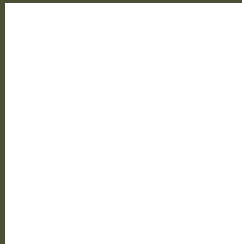
Any Text WCAG AAA × Fail

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

Hex 495033 Background



This preview shows how black text looks on a background with the Hex color 495033.



This preview shows how white text looks on a background with the Hex color 495033.

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
495033

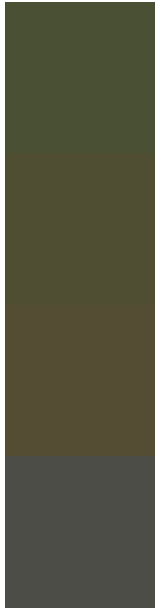
Protanopia
544D32

Deuteranopia
5C4934



Tritanopia
4D4C52

Trichromacy



Original Color
495033

Protanomaly
504E32

Deuteranomaly
554C34

Tritanomaly
4C4D47

Monochromacy



Original Color
495033

Achromatopsia
4B4B4B

Achromatomaly
4A4D42

CSS Examples

Text

The CSS property to change the color of the text to Hex 495033 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 #495033 looks like.

```
.text, #text, p{  
    color:#495033  
}
```

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 #495033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495033  
}
```

Border

The CSS property to change the border of an element to Hex 495033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

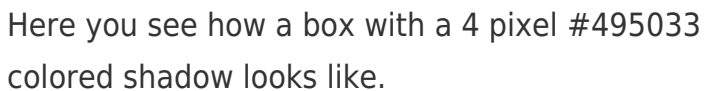
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#495033 }
```

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

```
.border{ border-color:#495033 }
```

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



Here you see how a box with a 4 pixel #495033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495033; -webkit-box-shadow:4px 4px  
4px 4px #495033; box-shadow:4px 4px 4px  
4px #495033 }
```

Background

The CSS property to change the background color of an element to Hex 495033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495033 }
```

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

```
.background{ background-color:#495033 }
```

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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