

# Converting Colors

Hex(495031)

Have a look what the booklet for  
Hex(495031) contains.

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# Color

**Hex(495031)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	495031
RGB	73, 80, 49
RGB Percent	29%, 31%, 19%
CMY	0.7137, 0.6863, 0.8078
CMYK	0.09, 0.00, 0.39, 0.69
HSL	74°, 24%, 25%
HSV	74°, 39%, 31%
XYZ	6.1707, 7.3755, 4.0041
YIQ	74.3730, 5.7790, -11.1250

# Conversions

## Conversions Part 2

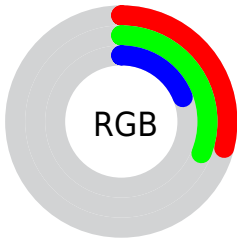
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 80, 56
Decimal	4804657
CIE <sub>Lab</sub>	32.65, -8.73, 17.37
CIE <sub>LCh</sub>	33, 19.436, 116.687
Yxy	7.3755, 0.3516, 0.4203
Android (android.graphics.Color)	4282994737 (0xFF495031)
YUV	74.3730, -12.5089, -1.2041
Hunter-Lab	27.1579, -6.9685, 10.2689

# Details

The Hex color **495031** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **383150**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7A8160**, and **1D2403** is the 20% darker color. If you saturate the color by 10%, you get **475029**, and if you desaturate by 10%, it is **4B5039**.

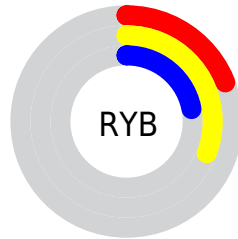
# Distribution



Red (29%)

Green (31%)

Blue (19%)



Red (19%)

Yellow (31%)

Blue (22%)

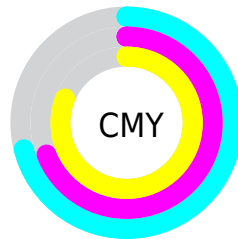


Cyan (9%)

Magenta (0%)

Yellow (39%)

Black (69%)



Cyan (71%)

Magenta (69%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 495031 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 495031 by changing the saturation by 10% instead.



 495031

 495031


FFFFFF

 32391C

 7A8160

 1D2403

 949B78

 000F00

 AFB692

 000000

 CAD2AD

 E7EEC8

 FFFFE4

 495031

 495031

 475029

 4B5039

■ 455021

■ 4D5041

■ 445019

■ 4E5049

■ 425011

■ 505051

■ 405009

■ 525059

■ 3E5001

■ 545061

■ 3E5000

■ 565069

■ 575071

■ 595079

# Harmonies

## Analogous

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



594B2E



495031



37533B

# Triad

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



495031



1E5366



69414F

# Complementary

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



495031



383150

# 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.



5F445E



495031



354F6B

# Square

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



495031



16555A



4C4968



6B4240

# Rectangle

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



495031



2B5545



4C4968



664254



# Sweetspot

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



495031



66695C



503831



34362E



B5B5B5



363636



# Same Dimension

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



495031



5D6937



3A5031



282925



516900



B4E800



# Inverse Universe

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



383150



433769



473150



262529



180069



3400E8



# Previews

## White Background



This preview shows how the Hex color 495031 looks on a white background.

## Color Contrast Check

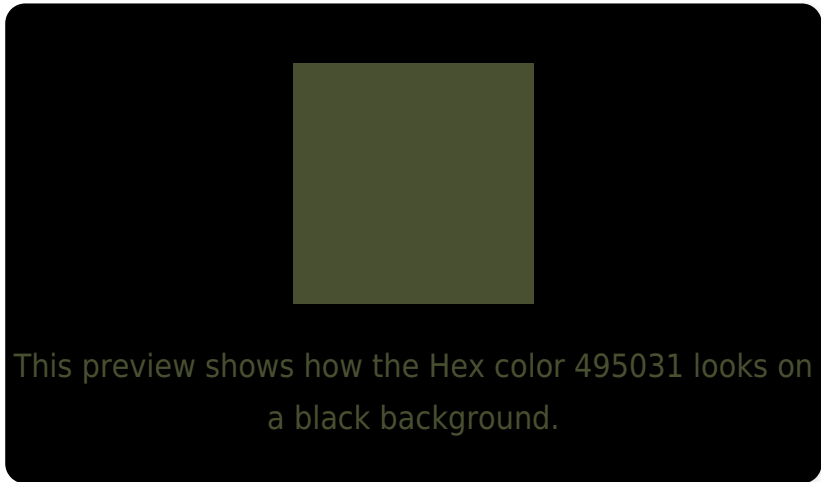
Large Text (above 18pt) WCAG AA ✓ Pass

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

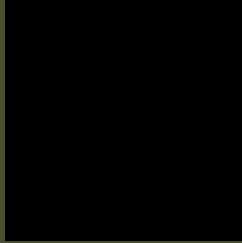
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 495031 Background



This preview shows how black text looks on a background with the Hex color 495031.



This preview shows how white text looks on a background with the Hex color 495031.

# 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**  
495031

**Protanopia**  
544D30

**Deuteranopia**  
5C4932



**Tritanopia**  
4D4C52

# Trichromacy



**Original Color**  
495031

**Protanomaly**  
504E30

**Deuteranomaly**  
554C32

**Tritanomaly**  
4C4D46

# Monochromacy



**Original Color**  
495031

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
4A4C41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 495031 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 #495031 looks like.

```
.text, #text, p{  
    color:#495031  
}
```

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 #495031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495031
}
```

## Border

The CSS property to change the border of an element to Hex 495031 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".

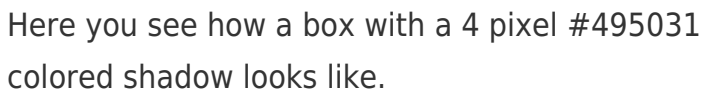
```
.border, #border, table{ border:4px solid
#495031 }
```

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

```
.border{ border-color:#495031 }
```

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

Here you see how a box with a 4 pixel #495031 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495031; -webkit-box-shadow:4px 4px  
4px 4px #495031; box-shadow:4px 4px 4px  
4px #495031 }
```

# Background

The CSS property to change the background color of an element to Hex 495031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495031 }
```

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

```
.background{ background-color:#495031 }
```

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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