

Converting Colors

Hex(495147)

Have a look what the booklet for
Hex(495147) contains.

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Color

Hex(495147)

Conversions

Conversions Part 1

Format	Color
Hex	495147
RGB	73, 81, 71
RGB Percent	29%, 32%, 28%
CMY	0.7137, 0.6824, 0.7216
CMYK	0.10, 0.00, 0.12, 0.68
HSL	108°, 7%, 30%
HSV	108°, 12%, 32%
XYZ	6.8274, 7.7563, 7.0985
YIQ	77.4680, -1.5580, -4.8060

Conversions

Conversions Part 2

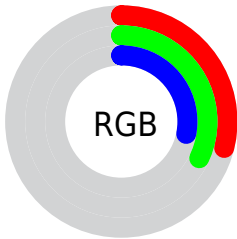
Format	Color
R_YB	71, 81, 79
Decimal	4804935
CIE Lab	33.47, -5.39, 4.80
CIE LCh	33, 7.214, 138.302
Yxy	7.7563, 0.3149, 0.3577
Android (android.graphics.Color)	4282995015 (0xFF495147)
YUV	77.4680, -3.1887, -3.9184
Hunter-Lab	27.8501, -4.9785, 4.3830

Details

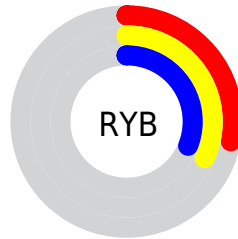
The Hex color **495147** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4F4751**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7A8277**, and **1D241C** is the 20% darker color. If you saturate the color by 10%, you get **43513F**, and if you desaturate by 10%, it is **4F514F**.

Distribution



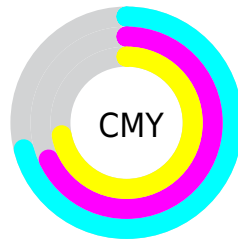
- Red (29%)
- Green (32%)
- Blue (28%)



- Red (28%)
- Yellow (32%)
- Blue (31%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (68%)



- Cyan (71%)
- Magenta (68%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 495147 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 495147 by changing the saturation by 10% instead.



495147



495147

FFFFFF



323A31



7A8277



1D241C



939C91



040F01



AEB7AC



000000



C9D3C7



E5EFE3



495147



495147



43513F



4F514F



3C5137



565157

■ 36512F

■ 5C515F

■ 2F5127

■ 635167

■ 29511F

■ 695170

■ 225116

■ 705178

■ 1C510E

■ 765180

■ 155106

■ 7D5188

■ 105100

■ 835190

Harmonies

Analogous

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



504F44



495147



43524C

Triad

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



495147



46505A



5B4B4B

Complementary

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



495147



4F4751

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.



594B51



495147



4D4E59

Square

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



495147



415157



544C56



5A4C46

Rectangle

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



495147



415250



544C56



5B4B4D

Sweetspot

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



495147



656964



514F47



333633



B5B5B5



363636

Same Dimension

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



495147



5C6959



47514A



262925



156900



2EE800

Inverse Universe

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



4F4751



655969



51474E



282529



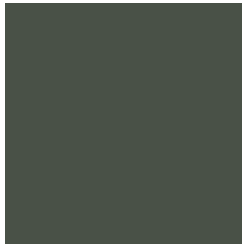
540069



BA00E8

Previews

White Background



This preview shows how the Hex color 495147 looks on a white background.

Color Contrast Check

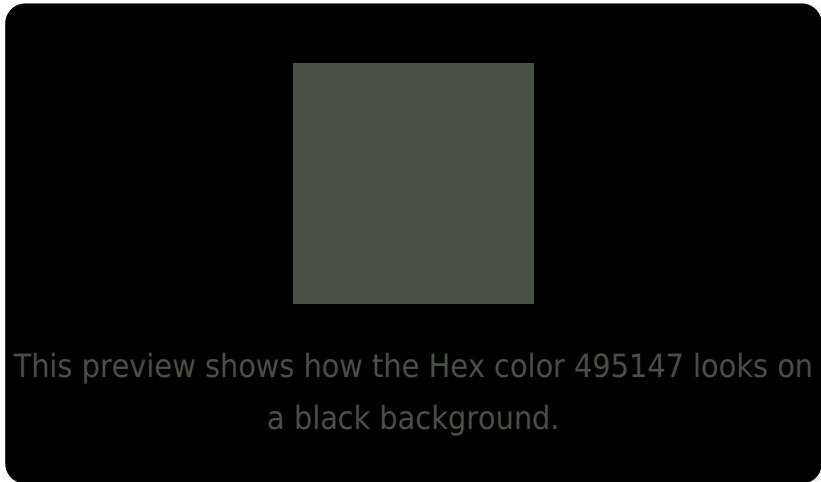
Large Text (above 18pt) WCAG AA ✓ Pass

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

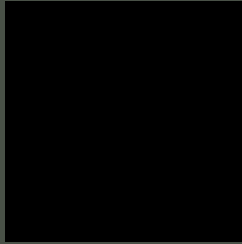
Any Text WCAG AA × Fail

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 495147 Background



This preview shows how black text looks on a background with the Hex color 495147.



This preview shows how white text looks on a background with the Hex color 495147.

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
495147

Protanopia
524E46

Deuteranopia
594C48



Tritanopia
4B4F55

Trichromacy



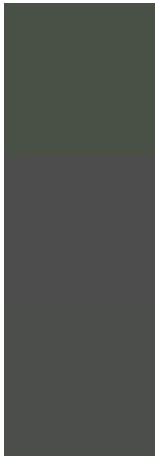
Original Color
495147

Protanomaly
4F4F46

Deuteranomaly
534E48

Tritanomaly
4A5050

Monochromacy



Original Color
495147

Achromatopsia
4D4D4D

Achromatomaly
4C4E4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 495147 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 #495147 looks like.

```
.text, #text, p{  
    color:#495147  
}
```

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 #495147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495147
}
```

Border

The CSS property to change the border of an element to Hex 495147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

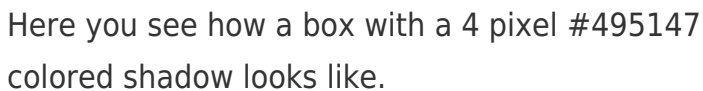
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#495147 }
```

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

```
.border{ border-color:#495147 }
```

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



Here you see how a box with a 4 pixel #495147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495147; -webkit-box-shadow:4px 4px  
4px 4px #495147; box-shadow:4px 4px 4px  
4px #495147 }
```

Background

The CSS property to change the background color of an element to Hex 495147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495147 }
```

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

```
.background{ background-color:#495147 }
```

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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