

Converting Colors

Hex(495E49)

Have a look what the booklet for
Hex(495E49) contains.

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Color

Hex(495E49)

Conversions

Conversions Part 1

Format	Color
Hex	495E49
RGB	73, 94, 73
RGB Percent	29%, 37%, 29%
CMY	0.7137, 0.6314, 0.7137
CMYK	0.22, 0.00, 0.22, 0.63
HSL	120°, 13%, 33%
HSV	120°, 22%, 37%
XYZ	7.9530, 9.9029, 7.7956
YIQ	85.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

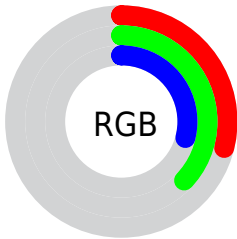
Format	Color
R_{YB}	73, 94, 94
Decimal	4808265
CIE Lab	37.67, -12.63, 9.48
CIE LCh	38, 15.797, 143.108
Yxy	9.9029, 0.3100, 0.3861
Android (android.graphics.Color)	4282998345 (0xFF495E49)
YUV	85.3270, -6.0772, -10.8108
Hunter-Lab	31.4689, -9.9593, 7.3406

Details

The Hex color **495E49** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E495E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7A907A**, and **1C301D** is the 20% darker color. If you saturate the color by 10%, you get **405E40**, and if you desaturate by 10%, it is **525E52**.

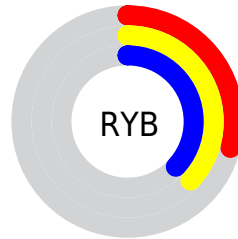
Distribution



Red (29%)

Green (37%)

Blue (29%)



Red (29%)

Yellow (37%)

Blue (37%)

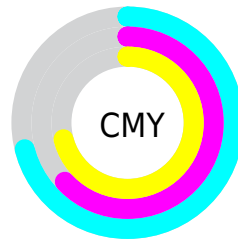


Cyan (22%)

Magenta (0%)

Yellow (22%)

Black (63%)



Cyan (71%)

Magenta (63%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 495E49 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 495E49 by changing the saturation by 10% instead.



495E49



495E49

FFFFFF



324632



7A907A



1C301D



94AB93



061B04



AFC6AE



000000



CAE2C9



E6FFE5



495E49



495E49



405E40



525E52



365E36



5C5E5C

■ 2D5E2D

■ 655E65

■ 235E23

■ 6F5E6F

■ 1A5E1A

■ 785E78

■ 115E11

■ 815E81

■ 075E07

■ 8B5E8B

■ 005E00

■ 945E94

■ 9E5E9E

Harmonies

Analogous

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



585B41



495E49



3B6055

Triad

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



495E49



455B72



73504F

Complementary

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



495E49



5E495E

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.



70505C



495E49



575670

Square

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



495E49



375E6D



665268



6E5345

Rectangle

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



495E49



35605E



665268



734F53

Sweetspot

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



495E49



727A72



5E5E49



383D38



BDBDBD



3D3D3D

Same Dimension

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



495E49



597A59



495E54



292E29



006E00



00ED00

Inverse Universe

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



5E495E



7A597A



5E4954



2E292E



6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 495E49 looks on a white background.

Color Contrast Check

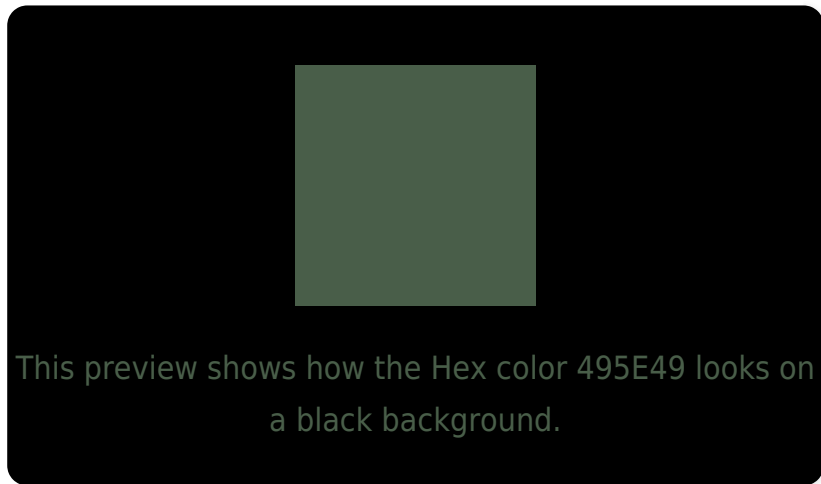
Large Text (above 18pt) WCAG AA ✓ Pass

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

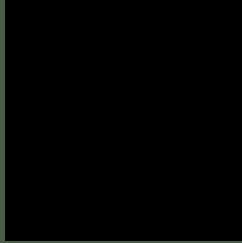
Any Text WCAG AA × Fail

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 495E49 Background



This preview shows how black text looks on a background with the Hex color 495E49.



This preview shows how white text looks on a background with the Hex color 495E49.

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](#).

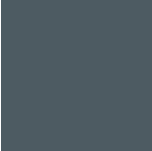
Dichromacy



Original Color
495E49

Protanopia
5E5846

Deuteranopia
66554B



Tritanopia
4D5B62

Trichromacy



Original Color
495E49

Protanomaly
565A47

Deuteranomaly
5B584A

Tritanomaly
4C5C59

Monochromacy



Original Color
495E49

Achromatopsia
555555

Achromatomaly
515851

CSS Examples

Text

The CSS property to change the color of the text to Hex 495E49 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 #495E49 looks like.

```
.text, #text, p{  
    color:#495E49  
}
```

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 #495E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495E49
}
```

Border

The CSS property to change the border of an element to Hex 495E49 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".

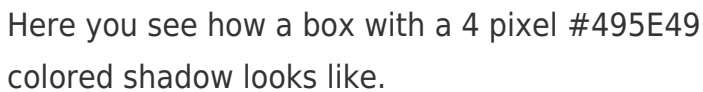
```
.border, #border, table{ border:4px solid
#495E49 }
```

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

```
.border{ border-color:#495E49 }
```

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

Here you see how a box with a 4 pixel #495E49 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 #495E49; -webkit-box-shadow:4px 4px  
4px 4px #495E49; box-shadow:4px 4px 4px  
4px #495E49 }
```

Background

The CSS property to change the background color of an element to Hex 495E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495E49 }
```

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

```
.background{ background-color:#495E49 }
```

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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