

# Converting Colors

Hex(495D25)

Have a look what the booklet for  
Hex(495D25) contains.

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# Color

Hex(495D25)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	495D25
RGB	73, 93, 37
RGB Percent	29%, 36%, 15%
CMY	0.7137, 0.6353, 0.8549
CMYK	0.22, 0.00, 0.60, 0.64
HSL	81°, 43%, 25%
HSV	81°, 60%, 36%
XYZ	6.9959, 9.3787, 3.1918
YIQ	80.6360, 6.0560, -21.6560

# Conversions

## Conversions Part 2

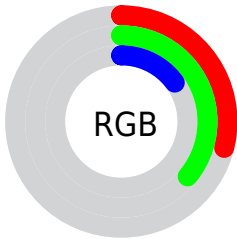
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	<b>37, 93, 57</b>
Decimal	4807973
CIE Lab	36.70, -17.63, 29.20
CIE LCh	37, 34.109, 121.118
Yxy	9.3787, 0.3575, 0.4793
Android (android.graphics.Color)	4282998053 (0xFF495D25)
YUV	80.6360, -21.5125, -6.6968
Hunter-Lab	30.6247, -12.8166, 15.2579

# Details

The Hex color **495D25** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **39255D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7B8F54**, and **1C2F00** is the 20% darker color. If you saturate the color by 10%, you get **465D1C**, and if you desaturate by 10%, it is **4C5D2E**.

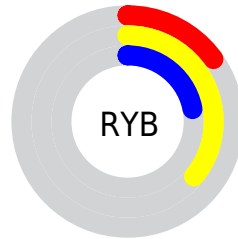
# Distribution



Red (29%)

Green (36%)

Blue (15%)



Red (15%)

Yellow (36%)

Blue (22%)

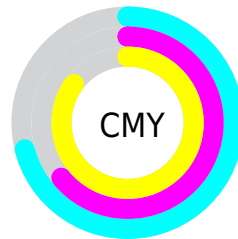


Cyan (22%)

Magenta (0%)

Yellow (60%)

Black (64%)



Cyan (71%)

Magenta (64%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 495D25 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 495D25 by changing the saturation by 10% instead.



 495D25

 495D25

FFFFFF

 31450E

 7B8F54

 1C2F00

 95AA6D

 001B00

 B1C586

 000000

 CCE1A1

 E9FEBC

 FFFFD8

 FFFFF5

 495D25

 495D25

■ 465D1C

■ 4C5D2E

■ 425D12

■ 505D38

■ 3F5D09

■ 535D41

■ 3C5D00

■ 565D4A

■ 5A5D54

■ 5D5D5D

■ 605D66

■ 645D6F

■ 675D79

# Harmonies

## Analogous

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



65551D



495D25



23623B

# Triad

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



495D25



006086



883E56

# Complementary

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



495D25



39255D

# 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.



794471



495D25



20598D

# Square

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



495D25



006372



594F85



88423C

# Rectangle

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



495D25



00644D



594F85



853F60



# Sweetspot

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



495D25



707862



5D3925



383D30



BDBDBD



3D3D3D



# Same Dimension

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



495D25



597822



2D5D25



2C2E29



466E00



98ED00



# Inverse Universe

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



39255D



402278



55255D



2B292E



27006E



5500ED



# Previews

## White Background



This preview shows how the Hex color 495D25 looks on a white background.

## Color Contrast Check

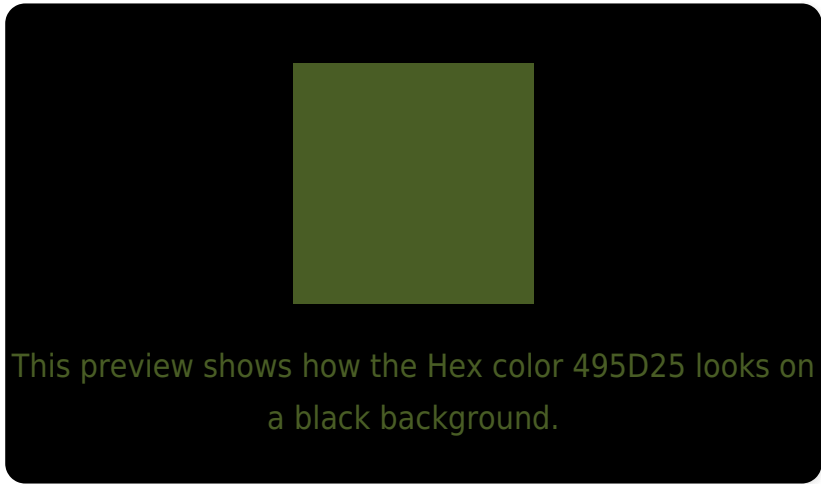
Large Text (above 18pt) WCAG AA ✓ Pass

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

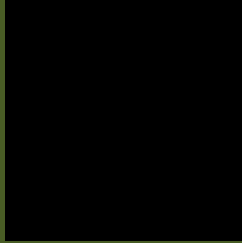
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 495D25 Background



This preview shows how black text looks on a background with the Hex color 495D25.



This preview shows how white text looks on a background with the Hex color 495D25.

# 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**  
495D25

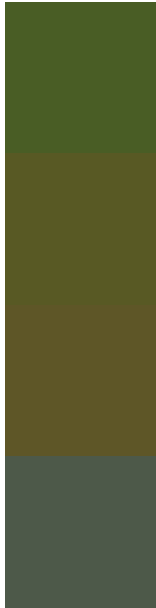
**Protanopia**  
605623

**Deuteranopia**  
6A5228



**Tritanopia**  
50575E

# Trichromacy



**Original Color**  
495D25

**Protanomaly**  
585924

**Deuteranomaly**  
5E5627

**Tritanomaly**  
4D5949

# Monochromacy



**Original Color**  
495D25

**Achromatopsia**  
515151

**Achromatomaly**  
4E5541

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 495D25 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 #495D25 looks like.

```
.text, #text, p{  
    color:#495D25  
}
```

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 #495D25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495D25  
}
```

## Border

The CSS property to change the border of an element to Hex 495D25 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".

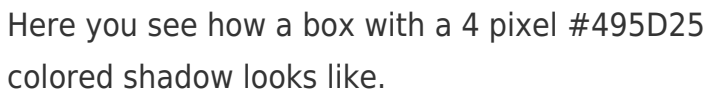
```
.border, #border, table{ border:4px solid  
#495D25 }
```

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

```
.border{ border-color:#495D25 }
```

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

Here you see how a box with a 4 pixel #495D25 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495D25; -webkit-box-shadow:4px 4px  
4px 4px #495D25; box-shadow:4px 4px 4px  
4px #495D25 }
```

# Background

The CSS property to change the background color of an element to Hex 495D25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495D25 }
```

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

```
.background{ background-color:#495D25 }
```

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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