

# Converting Colors

Hex(495A03)

Have a look what the booklet for  
Hex(495A03) contains.

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**Color**

**Hex(495A03)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	495A03
RGB	73, 90, 3
RGB Percent	29%, 35%, 1%
CMY	0.7137, 0.6471, 0.9882
CMYK	0.19, 0.00, 0.97, 0.65
HSL	72°, 94%, 18%
HSV	72°, 97%, 35%
XYZ	6.4203, 8.7354, 1.4339
YIQ	74.9990, 17.7950, -30.6610

# Conversions

## Conversions Part 2

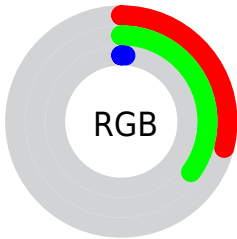
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 90, 20
Decimal	4807171
CIE Lab	35.47, -18.22, 41.51
CIE LCh	35, 45.335, 113.700
Yxy	8.7354, 0.3870, 0.5266
Android (android.graphics.Color)	4282997251 (0xFF495A03)
YUV	74.9990, -35.4955, -1.7531
Hunter-Lab	29.5557, -12.9476, 17.8126

# Details

The Hex color **495A03** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **14035A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7D8C39**, and **182C00** is the 20% darker color. If you saturate the color by 10%, you get **485A00**, and if you desaturate by 10%, it is **4B5A0C**.

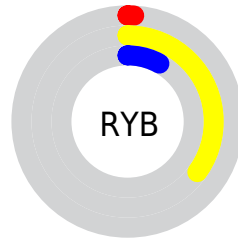
# Distribution



Red (29%)

Green (35%)

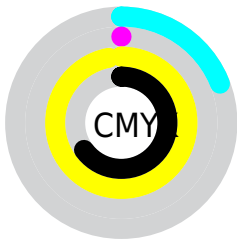
Blue (1%)



Red (1%)

Yellow (35%)

Blue (8%)

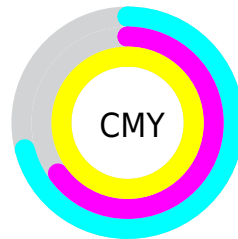


Cyan (19%)

Magenta (0%)

Yellow (97%)

Black (65%)



Cyan (71%)

Magenta (65%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 495A03 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 495A03 by changing the saturation by 10% instead.



 495A03

 495A03

 FFFFF5

 314200

 7D8C39

 182C00

 97A652

 001A00

 B3C26B

 000000

 CFDD85

 ECFAA0

 FFFFBC

 FFFFD8

 495A03

 495A03

■ 485A00

■ 4B5A0C

■ 4D5A15

■ 4E5A1E

■ 505A27

■ 525A30

■ 545A39

■ 555A42

■ 575A4B

■ 595A54

# Harmonies

## Analogous

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



6B4F00



495A03



136126

# Triad

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



495A03



00618D



902F5D

# Complementary

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



495A03



14035A

# 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.



773C7F



495A03



005A9C

# Square

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



495A03



006470



434D96



933139

# Rectangle

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



495A03



00633E



434D96



8A3269



# Sweetspot

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



495A03



6F7553



5A1303



373B26



BABABA



3B3B3B



# Same Dimension

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



495A03



5E7500



1F5A03



2D2E29



586E00



BFED00



# Inverse Universe

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



14035A



170075



3E035A



2A292E



15006E

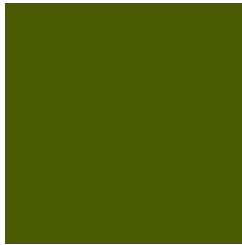


2E00ED



# Previews

## White Background



This preview shows how the Hex color 495A03 looks on a white background.

## Color Contrast Check

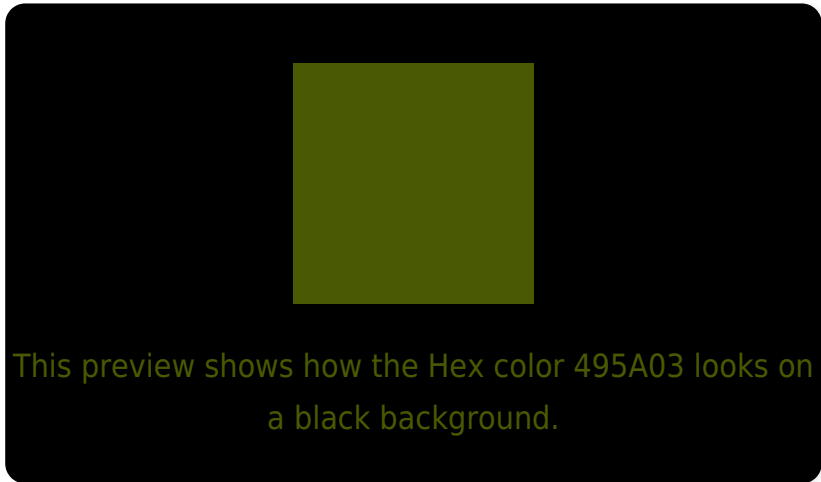
Large Text (above 18pt) WCAG AA ✓ Pass

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

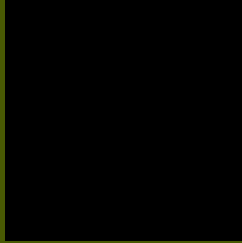
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 495A03 Background



This preview shows how black text looks on a background with the Hex color 495A03.



This preview shows how white text looks on a background with the Hex color 495A03.

# 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](#).

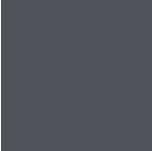
## Dichromacy



**Original Color**  
495A03

**Protanopia**  
5E5400

**Deuteranopia**  
694F10



**Tritanopia**  
50545A

# Trichromacy



**Original Color**  
495A03

**Protanomaly**  
565601

**Deuteranomaly**  
5D530B

**Tritanomaly**  
4D563A

# Monochromacy



**Original Color**  
495A03

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
4A5031

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 495A03 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 #495A03 looks like.

```
.text, #text, p{  
    color:#495A03  
}
```

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 #495A03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495A03
}
```

## Border

The CSS property to change the border of an element to Hex 495A03 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
#495A03 }
```

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

```
.border{ border-color:#495A03 }
```

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

Here you see how a box with a 4 pixel #495A03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495A03; -webkit-box-shadow:4px 4px  
4px 4px #495A03; box-shadow:4px 4px 4px  
4px #495A03 }
```

# Background

The CSS property to change the background color of an element to Hex 495A03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495A03 }
```

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

```
.background{ background-color:#495A03 }
```

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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