

# Converting Colors

Hex(495718)

Have a look what the booklet for  
Hex(495718) contains.

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**Color**

**Hex(495718)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	495718
RGB	73, 87, 24
RGB Percent	29%, 34%, 9%
CMY	0.7137, 0.6588, 0.9059
CMYK	0.16, 0.00, 0.72, 0.66
HSL	73°, 57%, 22%
HSV	73°, 72%, 34%
XYZ	6.3207, 8.2988, 2.1328
YIQ	75.6320, 11.8790, -22.5610

# Conversions

## Conversions Part 2

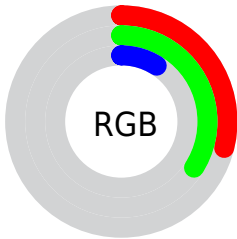
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 87, 38
Decimal	4806424
CIE <sub>Lab</sub>	34.60, -15.52, 33.32
CIE <sub>LCh</sub>	35, 36.761, 114.974
Yxy	8.2988, 0.3773, 0.4954
Android (android.graphics.Color)	4282996504 (0xFF495718)
YUV	75.6320, -25.4546, -2.3083
Hunter-Lab	28.8076, -11.2485, 15.7757

# Details

The Hex color **495718** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **261857**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7C8947**, and **1A2A00** is the 20% darker color. If you saturate the color by 10%, you get **47570F**, and if you desaturate by 10%, it is **4B5721**.

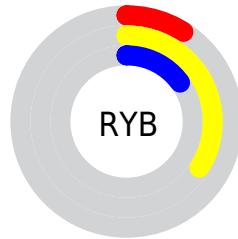
# Distribution



Red (29%)

Green (34%)

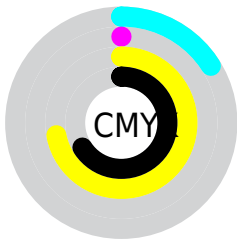
Blue (9%)



Red (9%)

Yellow (34%)

Blue (15%)

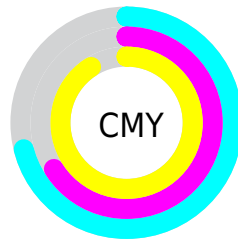


Cyan (16%)

Magenta (0%)

Yellow (72%)

Black (66%)



Cyan (71%)

Magenta (66%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 495718 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 495718 by changing the saturation by 10% instead.



 495718

 495718

FFFFFF

 314000

 7C8947

 1A2A00

 96A360

 001700

 B1BE79

 000000

 CDDA93

 EAF6AE

 FFFFC A

 FFFF E6

 495718

 495718

■ 47570F

■ 4B5721

■ 455707

■ 4D5729

■ 445700

■ 4F5732

■ 51573B

■ 535744

■ 55574C

■ 575755

■ 58575E

■ 5A5766

# Harmonies

## Analogous

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



654E13



495718



235D2E

# Triad

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



495718



005D81



843758

# Complementary

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



495718



261857

# 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.



703F73



495718



00568C

# Square

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



495718



005F69



4A4C87



86393A

# Rectangle

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



495718



005F41



4A4C87



7F3961



# Sweetspot

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



495718



6B7058



572618



35382A



B8B8B8



383838



# Same Dimension

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



495718



5B700F



2A5718



2A2B27



536B00



B6EB00



# Inverse Universe

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



261857



240F70



451857



28272B



18006B



3400EB



# Previews

## White Background



This preview shows how the Hex color 495718 looks on a white background.

## Color Contrast Check

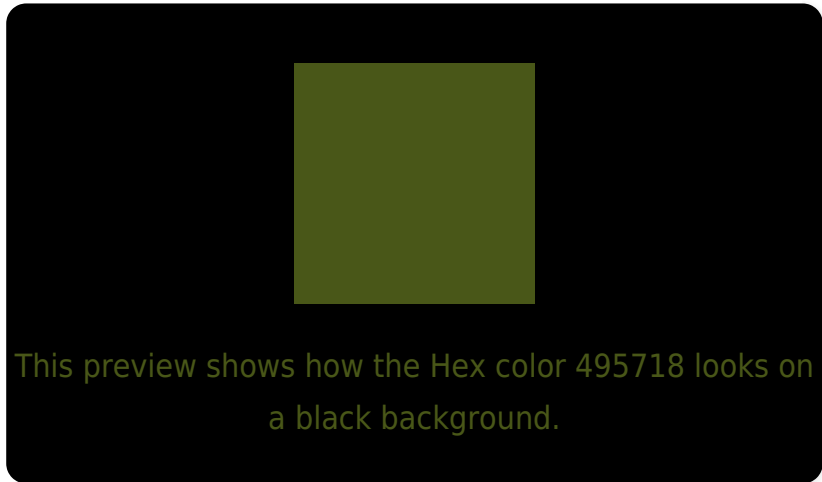
Large Text (above 18pt) WCAG AA ✓ Pass

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

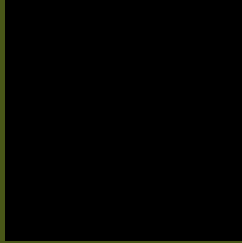
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 495718 Background



This preview shows how black text looks on a background with the Hex color 495718.



This preview shows how white text looks on a background with the Hex color 495718.

# 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**  
495718

**Protanopia**  
5B5117

**Deuteranopia**  
664D1C



**Tritanopia**  
505158

# Trichromacy



**Original Color**  
495718

**Protanomaly**  
545317

**Deuteranomaly**  
5B511B

**Tritanomaly**  
4D5341

# Monochromacy



**Original Color**  
495718

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
4B5039

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 495718 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 #495718 looks like.

```
.text, #text, p{  
    color:#495718  
}
```

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 #495718 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495718
}
```

## Border

The CSS property to change the border of an element to Hex 495718 is called "border". The border property can be set on classes, ids or directly on the HTML element.

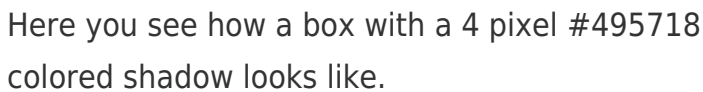
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#495718 }
```

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

```
.border{ border-color:#495718 }
```

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



Here you see how a box with a 4 pixel #495718 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495718; -webkit-box-shadow:4px 4px  
4px 4px #495718; box-shadow:4px 4px 4px  
4px #495718 }
```

# Background

The CSS property to change the background color of an element to Hex 495718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495718 }
```

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

```
.background{ background-color:#495718 }
```

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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