

# Converting Colors

Hex(497317)

Have a look what the booklet for  
Hex(497317) contains.

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**Color**

**Hex(497317)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	497317
RGB	73, 115, 23
RGB Percent	29%, 45%, 9%
CMY	0.7137, 0.5490, 0.9098
CMYK	0.37, 0.00, 0.80, 0.55
HSL	87°, 67%, 27%
HSV	87°, 80%, 45%
XYZ	9.0330, 13.7398, 2.9866
YIQ	91.9540, 4.5000, -37.5160

# Conversions

## Conversions Part 2

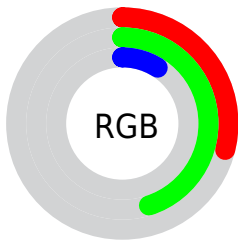
<b>Format</b>	<b>Color</b>
<b>RYB</b>	23, 115, 65
Decimal	4813591
CIELab	43.86, -29.83, 42.89
CIELCh	44, 52.241, 124.822
Yxy	13.7398, 0.3507, 0.5334
Android (android.graphics.Color)	4283003671 (0xFF497317)
YUV	91.9540, -33.9943, -16.6227
Hunter-Lab	37.0672, -21.3684, 21.1700

# Details


The Hex color **497317** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **411773**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7DA74A**, and **164200** is the 20% darker color. If you saturate the color by 10%, you get **44730B**, and if you desaturate by 10%, it is **4E7323**.

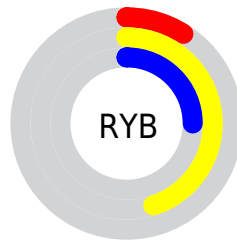
# Distribution



 Red (29%)


 Green (45%)

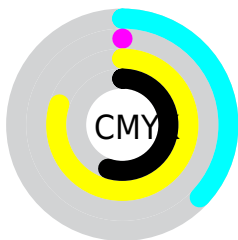
 Blue (9%)




 Red (9%)

 Yellow (45%)

 Blue (25%)

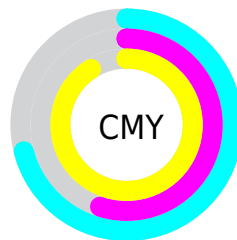



 Cyan (37%)


 Magenta (0%)

 Yellow (80%)

 Black (55%)



 Cyan (71%)

 Magenta (55%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 497317 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 497317 by changing the saturation by 10% instead.





497317



497317

FFFFFF



2F5A00



7DA74A



164200



98C364



002C00



B4DF7E



001600



D0FB98



000000



EDFFB4



FFFFD0



FFFFED



497317



497317

■ 44730B

■ 4E7323

■ 3E7300

■ 53732E

■ 59733A

■ 5E7345

■ 637351

■ 69735C

■ 6E7368

■ 737373

■ 78737F

# Harmonies

## Analogous

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



766800



497317



007941

# Triad

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



497317



0076B6



B43B62

# Complementary

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



497317



411773

# 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.



A1458D



497317



006BBF

# Square

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



497317



007B98



7159AF



B04539

# Rectangle

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



497317



007B5E



7159AF



B13C71



# Sweetspot

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



497317



869672



734017



424D36



CCCCCC



4D4D4D



# Same Dimension

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



497317



559606



1C7317



383B35



437A00



88FA00



# Inverse Universe

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



411773



480696



6E1773



37353B



38007A



7200FA



# Previews

## White Background



This preview shows how the Hex color 497317 looks on a white background.

## Color Contrast Check

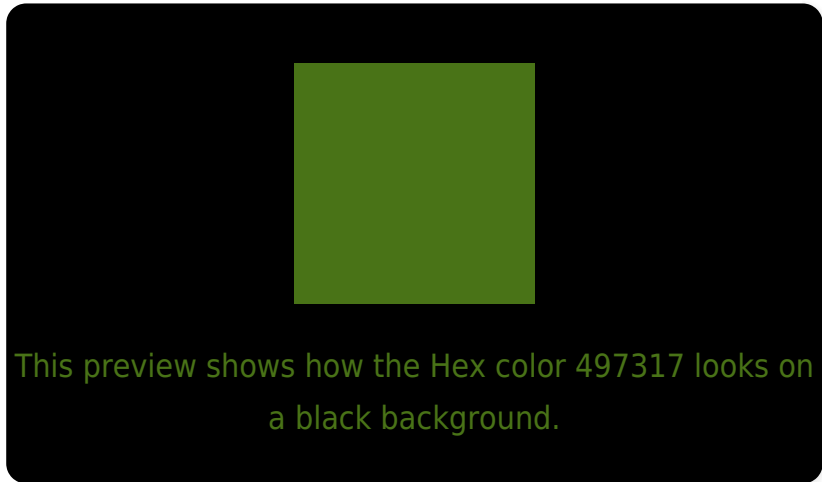
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

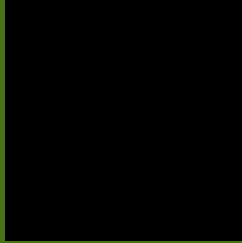
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 497317 Background



This preview shows how black text looks on a background with the Hex color 497317.



This preview shows how white text looks on a background with the Hex color 497317.

# 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**  
497317

**Protanopia**  
746814

**Deuteranopia**  
82621F



**Tritanopia**  
556B74

# Trichromacy



**Original Color**  
497317

**Protanomaly**  
646C15

**Deuteranomaly**  
6D681C

**Tritanomaly**  
516E52

# Monochromacy



**Original Color**  
497317

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
556443

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 497317 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 #497317 looks like.

```
.text, #text, p{  
    color:#497317  
}
```

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 #497317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497317
}
```

## Border

The CSS property to change the border of an element to Hex 497317 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
#497317 }
```

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

```
.border{ border-color:#497317 }
```

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

Here you see how a box with a 4 pixel #497317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497317; -webkit-box-shadow:4px 4px  
4px 4px #497317; box-shadow:4px 4px 4px  
4px #497317 }
```

# Background

The CSS property to change the background color of an element to Hex 497317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497317 }
```

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

```
.background{ background-color:#497317 }
```

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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