

# Converting Colors

Hex(490F3D)

Have a look what the booklet for  
Hex(490F3D) contains.

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**Color**

**Hex(490F3D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	490F3D
RGB	73, 15, 61
RGB Percent	29%, 6%, 24%
CMY	0.7137, 0.9412, 0.7608
CMYK	0.00, 0.79, 0.16, 0.71
HSL	312°, 66%, 17%
HSV	312°, 79%, 29%
XYZ	3.7608, 2.0950, 4.6210
YIQ	37.5860, 19.8020, 26.6020

# Conversions

## Conversions Part 2

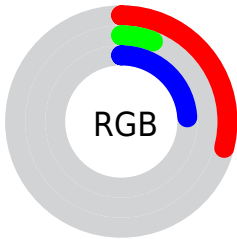
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 15, 61
Decimal	4788029
CIE <sub>Lab</sub>	15.98, 32.54, -14.63
CIE <sub>LCh</sub>	16, 35.678, 335.796
Yxy	2.0950, 0.3590, 0.2000
Android (android.graphics.Color)	4282978109 (0xFF490F3D)
YUV	37.5860, 11.5431, 31.0581
Hunter-Lab	14.4742, 21.0490, -8.7970

# Details

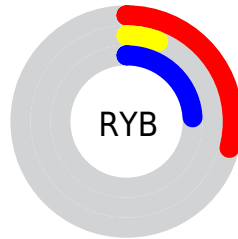
The Hex color **490F3D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0F491B**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **7C406D**, and **180012** is the 20% darker color. If you saturate the color by 10%, you get **49083B**, and if you desaturate by 10%, it is **49163F**.

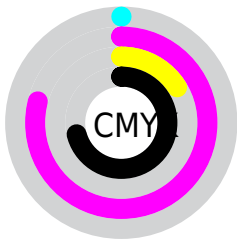
# Distribution



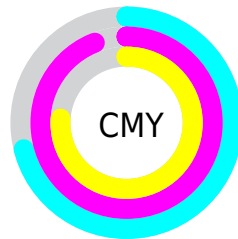
- Red (29%)
- Green (6%)
- Blue (24%)



- Red (29%)
- Yellow (6%)
- Blue (24%)



- Cyan (0%)
- Magenta (79%)
- Yellow (16%)
- Black (71%)



- Cyan (71%)
- Magenta (94%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 490F3D 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 490F3D by changing the saturation by 10% instead.



490F3D

490F3D

FFFBFF

310027

7C406D

180012

965886

000000

B271A0

CE8BBB

EAA6D7

FFC2F3

FFDEFF

490F3D

490F3D

■ 49083B

■ 49163F

■ 49003A

■ 491E40

■ 492542

■ 492C43

■ 493345

■ 493B46

■ 494248

■ 494949

■ 49514B

# Harmonies

## Analogous

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



2D1E51



490F3D



530624

# Triad

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



490F3D



2E2800



003245

# Complementary

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



490F3D



0F491B

# 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.



00332C



490F3D



142E00

# Square

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



490F3D



421E00



003111



003056

# Rectangle

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



490F3D



520B13



003111



00333D



# Sweetspot

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



490F3D



5E485A



1B0F49



30222E



B0B0B0



303030



# Same Dimension

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



490F3D



5E054C



490F20



242023



63004F



E300B4



# Inverse Universe

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



490F3D



5E054C



0F4938



242023



63004F

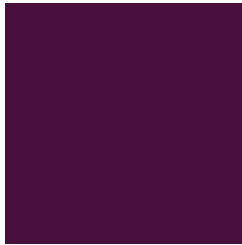


E300B4



# Previews

## White Background



This preview shows how the Hex color 490F3D looks on a white background.

## Color Contrast Check

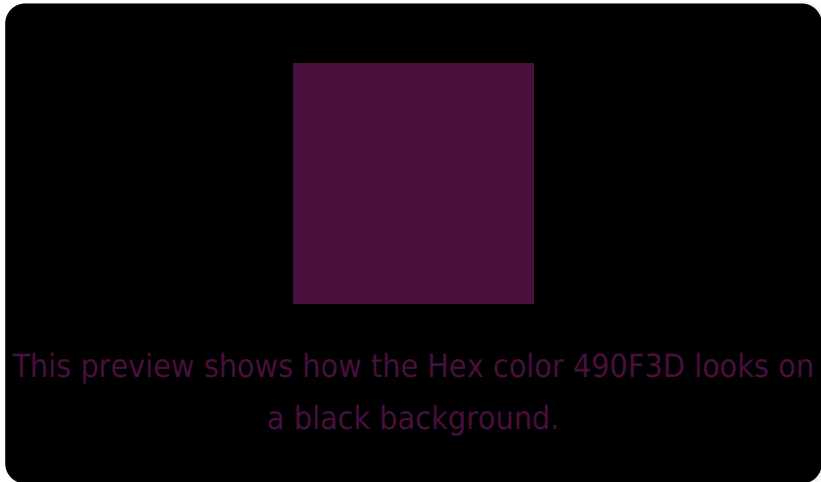
Large Text (above 18pt) WCAG AA ✓ Pass

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

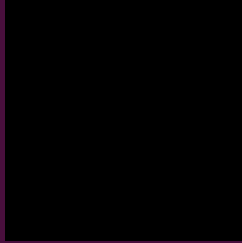
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 490F3D Background



This preview shows how black text looks on a background with the Hex color 490F3D.



This preview shows how white text looks on a background with the Hex color 490F3D.

# 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**  
490F3D

**Protanopia**  
102852

**Deuteranopia**  
25293A



**Tritanopia**  
461B1D

# Trichromacy



**Original Color**  
490F3D

**Protanomaly**  
251F4A

**Deuteranomaly**  
32203B

**Tritanomaly**  
471729

# Monochromacy



**Original Color**  
490F3D

**Achromatopsia**  
262626

**Achromatomaly**  
331E2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 490F3D 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 #490F3D looks like.

```
.text, #text, p{  
    color:#490F3D  
}
```

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 #490F3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #490F3D
}
```

## Border

The CSS property to change the border of an element to Hex 490F3D 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
#490F3D }
```

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

```
.border{ border-color:#490F3D }
```

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

Here you see how a box with a 4 pixel #490F3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #490F3D; -webkit-box-shadow:4px 4px  
4px 4px #490F3D; box-shadow:4px 4px 4px  
4px #490F3D }
```

# Background

The CSS property to change the background color of an element to Hex 490F3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#490F3D }
```

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

```
.background{ background-color:#490F3D }
```

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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