

# Converting Colors

Hex(490F00)

Have a look what the booklet for  
Hex(490F00) contains.

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# Color

**Hex(490F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	490F00
RGB	73, 15, 0
RGB Percent	29%, 6%, 0%
CMY	0.7137, 0.9412, 1.0000
CMYK	0.00, 0.79, 1.00, 0.71
HSL	12°, 100%, 14%
HSV	12°, 100%, 29%
XYZ	2.9185, 1.7581, 0.1855
YIQ	30.6320, 39.3830, 7.6310

# Conversions

## Conversions Part 2

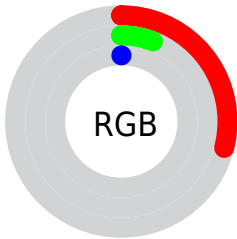
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 19, 0
Decimal	4787968
CIE Lab	14.16, 26.56, 21.77
CIE LCh	14, 34.337, 39.336
Yxy	1.7581, 0.6002, 0.3616
Android (android.graphics.Color)	4282978048 (0xFF490F00)
YUV	30.6320, -15.1016, 37.1567
Hunter-Lab	13.2594, 16.0851, 8.4520

# Details

The Hex color **490F00** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003A49**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **7E3E2F**, and **040000** is the 20% darker color. If you saturate the color by 10%, you get **490F00**, and if you desaturate by 10%, it is **491507**.

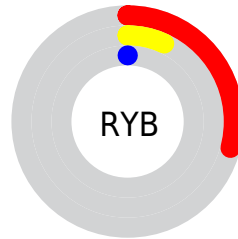
# Distribution



Red (29%)

Green (6%)

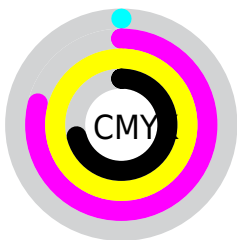
Blue (0%)



Red (29%)

Yellow (7%)

Blue (0%)

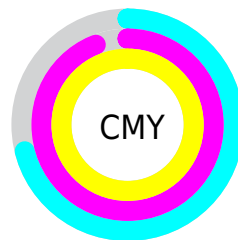


Cyan (0%)

Magenta (79%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (94%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 490F00 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 490F00 by changing the saturation by 10% instead.



 490F00

 490F00

 FFF7E2

 2F0000

 7E3E2F

 040000

 9A5646

 000000

 B76F5D

 D48976

 F1A390

 FFBEAA

 FFDBC6

 490F00

■ 491507

■ 491B0F

■ 492016

■ 49261D

■ 492C25

■ 49322C

■ 493833

■ 493D3A

■ 494342

# Harmonies

## Analogous

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



4D041E



490F00



3B1C00

# Triad

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



490F00



002D12



002554

# Complementary

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



490F00



003A49

# 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.



002B51



490F00



002E2B

# Square

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



490F00



0E2A00



002E42



2D194A

# Rectangle

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



490F00



2E2300



002E42



002755



# Sweetspot

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



490F00



5E4842



49003A



30231F



B0B0B0



303030



# Same Dimension

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



490F00



5E1300



493300



242120



631400



E32F00



# Inverse Universe

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



003A49



004B5E



001649



202324



004F63

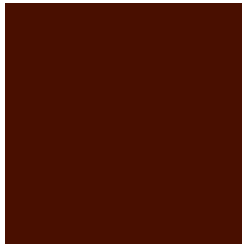


00B4E3



# Previews

## White Background



This preview shows how the Hex color 490F00 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

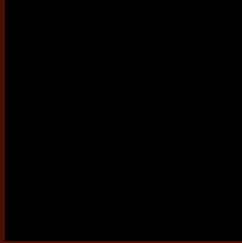
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 490F00 Background



This preview shows how black text looks on a background with the Hex color 490F00.

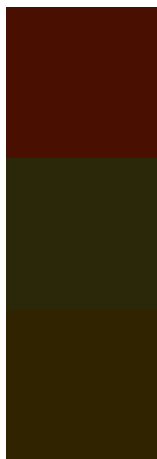


This preview shows how white text looks on a background with the Hex color 490F00.

# 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**  
490F00

**Protanopia**  
2B2709

**Deuteranopia**  
302400



**Tritanopia**  
490E0E

# Trichromacy



**Original Color**  
490F00

**Protanomaly**  
361E06

**Deuteranomaly**  
391C00

**Tritanomaly**  
490E09

# Monochromacy



**Original Color**  
490F00

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
2E1914

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 490F00 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 #490F00 looks like.

```
.text, #text, p{  
    color:#490F00  
}
```

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 #490F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #490F00  
}
```

## Border

The CSS property to change the border of an element to Hex 490F00 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".

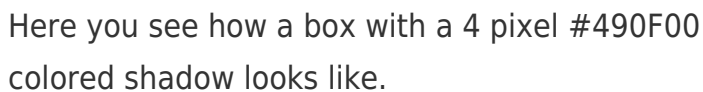
```
.border, #border, table{ border:4px solid  
#490F00 }
```

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

```
.border{ border-color:#490F00 }
```

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

Here you see how a box with a 4 pixel #490F00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #490F00; -webkit-box-shadow:4px 4px  
4px 4px #490F00; box-shadow:4px 4px 4px  
4px #490F00 }
```

# Background

The CSS property to change the background color of an element to Hex 490F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#490F00 }
```

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

```
.background{ background-color:#490F00 }
```

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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