

# Converting Colors

Hex(494F0C)

Have a look what the booklet for  
Hex(494F0C) contains.

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**Color**

**Hex(494F0C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	494F0C
RGB	73, 79, 12
RGB Percent	29%, 31%, 5%
CMY	0.7137, 0.6902, 0.9529
CMYK	0.08, 0.00, 0.85, 0.69
HSL	65°, 74%, 18%
HSV	65°, 85%, 31%
XYZ	5.6100, 7.0350, 1.4100
YIQ	69.5680, 17.9310, -22.1090

# Conversions

## Conversions Part 2

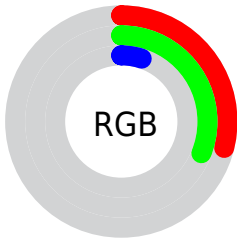
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 79, 18
Decimal	4804364
CIE <sub>Lab</sub>	31.89, -11.73, 35.60
CIE <sub>LCh</sub>	32, 37.480, 108.240
Yxy	7.0350, 0.3991, 0.5005
Android (android.graphics.Color)	4282994444 (0xFF494F0C)
YUV	69.5680, -28.3810, 3.0099
Hunter-Lab	26.5235, -8.6616, 15.4145

# Details

The Hex color **494F0C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **120C4F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7C803D**, and **1A2300** is the 20% darker color. If you saturate the color by 10%, you get **484F04**, and if you desaturate by 10%, it is **4A4F14**.

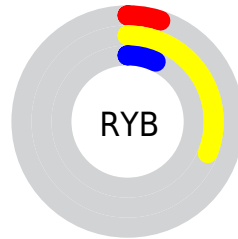
# Distribution



Red (29%)

Green (31%)

Blue (5%)



Red (5%)

Yellow (31%)

Blue (7%)

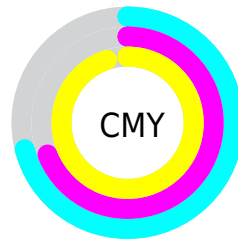


Cyan (8%)

Magenta (0%)

Yellow (85%)

Black (69%)



Cyan (71%)

Magenta (69%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 494F0C 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 494F0C by changing the saturation by 10% instead.



 494F0C

 494F0C

 FFFFF7

 323800

 7C803D

 1A2300

 979A55

 000D00

 B2B56E

 000000

 CED088

 EBEC A3

 FFFFBE

 FFFFDA

 494F0C

 494F0C

■ 484F04

■ 4A4F14

■ 484F00

■ 4A4F1C

■ 4B4F24

■ 4C4F2C

■ 4D4F34

■ 4D4F3B

■ 4E4F43

■ 4F4F4B

■ 4F4F53

# Harmonies

## Analogous

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



64450C



494F0C



255521

# Triad

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



494F0C



005776



7A3158

# Complementary

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



494F0C



120C4F

# 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.



633B73



494F0C



005285

# Square

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



494F0C



00595D



354883



80303A

# Rectangle

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



494F0C



005834



354883



753361



# Sweetspot

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



494F0C



64664D



4F120C



323324



B3B3B3



333333



# Same Dimension

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



494F0C



5D6600



284F0C



262622



D1E600

# Inverse Universe

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



120C4F



090066



330C4F



232226



1500E6

# Previews

## White Background



This preview shows how the Hex color 494F0C looks on a white background.

## Color Contrast Check

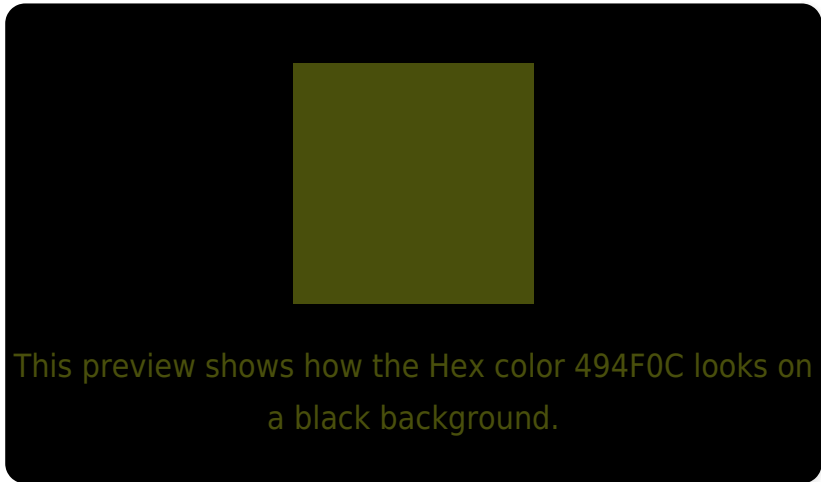
Large Text (above 18pt) WCAG AA ✓ Pass

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

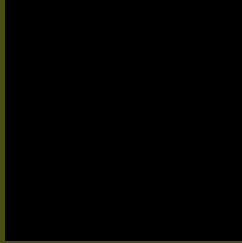
Any Text WCAG AA × Fail

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 494F0C Background



This preview shows how black text looks on a background with the Hex color 494F0C.



This preview shows how white text looks on a background with the Hex color 494F0C.

# 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**  
494F0C

**Protanopia**  
554B0B

**Deuteranopia**  
5F4711





**Tritanopia**  
4F4A4F

# Trichromacy



**Original Color**  
494F0C

**Protanomaly**  
514C0B

**Deuteranomaly**  
574A0F

**Tritanomaly**  
4D4C37

# Monochromacy



**Original Color**  
494F0C

**Achromatopsia**  
464646

**Achromatomaly**  
474931

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 494F0C 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 #494F0C looks like.

```
.text, #text, p{  
    color:#494F0C  
}
```

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 #494F0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494F0C
}
```

## Border

The CSS property to change the border of an element to Hex 494F0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

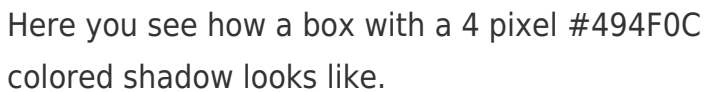
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#494F0C }
```

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

```
.border{ border-color:#494F0C }
```

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



Here you see how a box with a 4 pixel #494F0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494F0C; -webkit-box-shadow:4px 4px  
4px 4px #494F0C; box-shadow:4px 4px 4px  
4px #494F0C }
```

# Background

The CSS property to change the background color of an element to Hex 494F0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494F0C }
```

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

```
.background{ background-color:#494F0C }
```

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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