

# Converting Colors

Hex(494E0B)

Have a look what the booklet for  
Hex(494E0B) contains.

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**Color**

**Hex(494E0B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	494E0B
RGB	73, 78, 11
RGB Percent	29%, 31%, 4%
CMY	0.7137, 0.6941, 0.9569
CMYK	0.06, 0.00, 0.86, 0.69
HSL	64°, 75%, 17%
HSV	64°, 86%, 31%
XYZ	5.5324, 6.8894, 1.3548
YIQ	68.8670, 18.5270, -21.8970

# Conversions

## Conversions Part 2

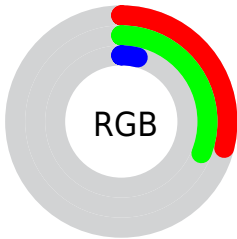
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 78, 16
Decimal	4804107
CIELab	31.55, -11.20, 35.64
CIELCh	32, 37.362, 107.442
Yxy	6.8894, 0.4016, 0.5001
Android (android.graphics.Color)	4282994187 (0xFF494E0B)
YUV	68.8670, -28.5284, 3.6246
Hunter-Lab	26.2477, -8.3095, 15.3131

# Details

The Hex color **494E0B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **100B4E**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7C7F3C**, and **1A2200** is the 20% darker color. If you saturate the color by 10%, you get **484E03**, and if you desaturate by 10%, it is **4A4E13**.

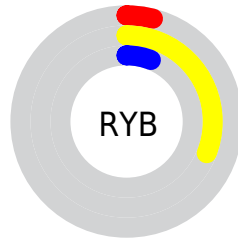
# Distribution



Red (29%)

Green (31%)

Blue (4%)



Red (4%)

Yellow (31%)

Blue (6%)

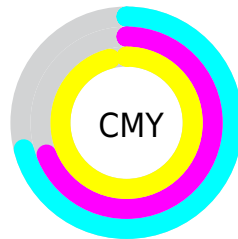


Cyan (6%)

Magenta (0%)

Yellow (86%)

Black (69%)



Cyan (71%)

Magenta (69%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 494E0B 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 494E0B by changing the saturation by 10% instead.



 494E0B

 494E0B

 FFFFF6

 323700

 7C7F3C

 1A2200

 979954

 000B00

 B2B36D

 000000

 CECF87

 EBEB A2

 FFFFBD

 FFFF D9

 494E0B

 494E0B

■ 484E03

■ 4A4E13

■ 484E00

■ 4A4E1B

■ 4B4E22

■ 4B4E2A

■ 4C4E32

■ 4C4E3A

■ 4D4E42

■ 4E4E49

■ 4E4E51

# Harmonies

## Analogous

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



64440C



494E0B



265420

# Triad

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



494E0B



005675



793058

# Complementary

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



494E0B



100B4E

# 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.



613B72



494E0B



005183

# Square

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



494E0B



00585B



334882



7F2F3A

# Rectangle

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



494E0B



005733



334882



733361



# Sweetspot

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



494E0B



64664B



4E0F0B



323323



B3B3B3



333333



# Same Dimension

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



494E0B



5E6600



284E0B



262622



D4E600

# Inverse Universe

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



100B4E



080066



310B4E



232226



1100E6

# Previews

## White Background



This preview shows how the Hex color 494E0B looks on a white background.

## Color Contrast Check

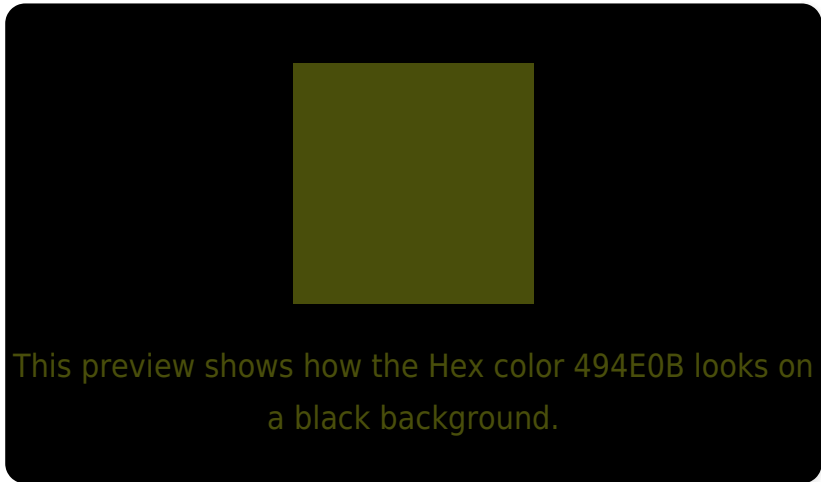
Large Text (above 18pt) WCAG AA ✓ Pass

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

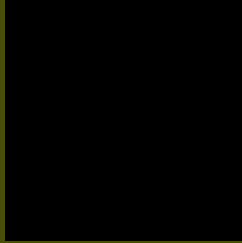
Any Text WCAG AA × Fail

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 494E0B Background



This preview shows how black text looks on a background with the Hex color 494E0B.



This preview shows how white text looks on a background with the Hex color 494E0B.

# 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**  
494E0B

**Protanopia**  
544B0A

**Deuteranopia**  
5E4710





**Tritanopia**  
4E494E

# Trichromacy



**Original Color**  
494E0B

**Protanomaly**  
504C0A

**Deuteranomaly**  
564A0E

**Tritanomaly**  
4C4B36

# Monochromacy



**Original Color**  
494E0B

**Achromatopsia**  
454545

**Achromatomaly**  
464830

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 494E0B 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 #494E0B looks like.

```
.text, #text, p{  
    color:#494E0B  
}
```

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 #494E0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494E0B
}
```

## Border

The CSS property to change the border of an element to Hex 494E0B 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
#494E0B }
```

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

```
.border{ border-color:#494E0B }
```

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

Here you see how a box with a 4 pixel #494E0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494E0B; -webkit-box-shadow:4px 4px  
4px 4px #494E0B; box-shadow:4px 4px 4px  
4px #494E0B }
```

# Background

The CSS property to change the background color of an element to Hex 494E0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494E0B }
```

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

```
.background{ background-color:#494E0B }
```

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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