

Converting Colors

Hex(74901E)

Have a look what the booklet for
Hex(74901E) contains.

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Color

Hex(74901E)

Conversions

Conversions Part 1

Format	Color
Hex	74901E
RGB	116, 144, 30
RGB Percent	45%, 56%, 12%
CMY	0.5451, 0.4353, 0.8824
CMYK	0.19, 0.00, 0.79, 0.44
HSL	75°, 66%, 34%
HSV	75°, 79%, 56%
XYZ	17.4101, 23.7533, 4.8955
YIQ	122.6320, 19.9060, -41.3900

Conversions

Conversions Part 2

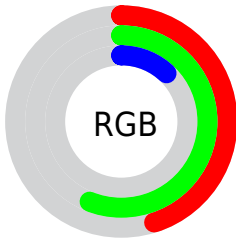
Format	Color
RYB	30, 144, 58
Decimal	7639070
CIELab	55.84, -25.69, 52.74
CIELCh	56, 58.670, 115.973
Yxy	23.7533, 0.3780, 0.5157
Android (android.graphics.Color)	4285829150 (0xFF74901E)
YUV	122.6320, -45.6676, -5.8163
Hunter-Lab	48.7373, -21.5261, 28.1606

Details

The Hex color **74901E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **3A1E90**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **ABC654**, and **3F5E00** is the 20% darker color. If you saturate the color by 10%, you get **709010**, and if you desaturate by 10%, it is **78902C**.

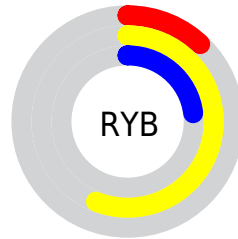
Distribution



Red (45%)

Green (56%)

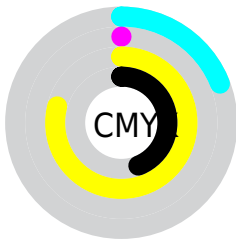
Blue (12%)



Red (12%)

Yellow (56%)

Blue (23%)

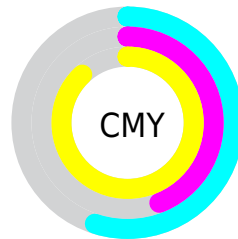


Cyan (19%)

Magenta (0%)

Yellow (79%)

Black (44%)



Cyan (55%)

Magenta (44%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74901E 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 74901E by changing the saturation by 10% instead.

 74901E

 74901E

FFFFFF

 597600


 ABC654

 3F5E00

 C7E26F

 264600

 E4FF8A

 082F00

 FFFFA5

 001D00

 FFFFC1


 000000

 FFFFDE

 FFFFFB

 74901E

 74901E

 709010

 78902C

 6D9001

 7B903B

 6D9000

 7F9049

 829058

 869066

 899074

 8D9083

 909091

 9490A0

Harmonies

Analogous

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



A5810F



74901E



29994A

Triad

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



74901E



0099DA



DD548F

Complementary

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



74901E



3A1E90

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.



BD64C0



74901E



008EEC

Square

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



74901E



009DB1



797BE2



E0595C

Rectangle

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



74901E



009C6B



797BE2



D658A0

Sweetspot

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



74901E



AFBA8D



90391E



585E43



DEDEDE



5E5E5E

Same Dimension

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



74901E



8FBA09



3C901E



464740



668700



060800

Inverse Universe

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



3A1E90



3509BA



721E90



424047



210087



020008

Previews

White Background



This preview shows how the Hex color 74901E looks on a white background.

Color Contrast Check

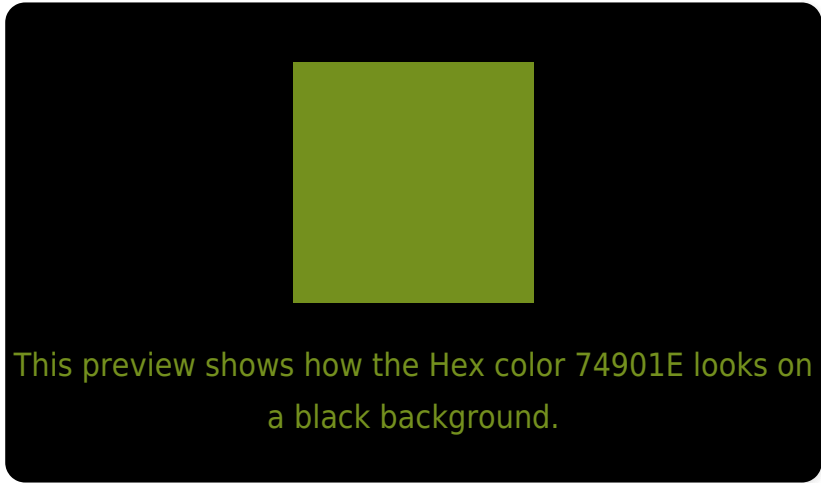
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 74901E Background



This preview shows how black text looks on a background with the Hex color 74901E.

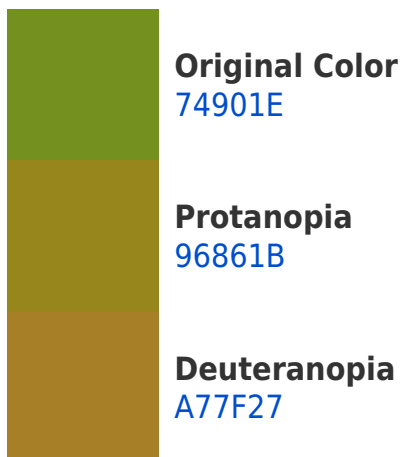


This preview shows how white text looks on a background with the Hex color 74901E.

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](#).

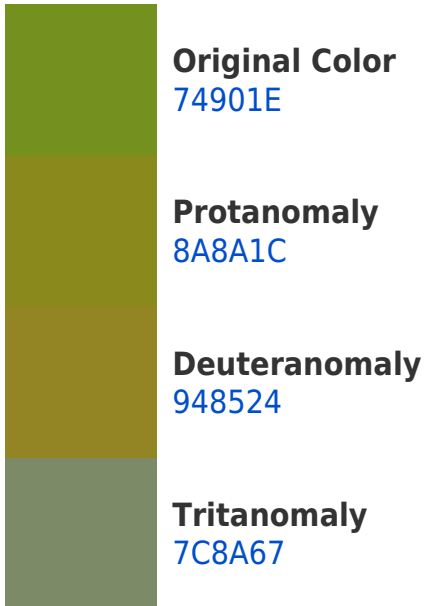
Dichromacy





Tritanopia
808691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74901E 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 #74901E looks like.

```
.text, #text, p{  
    color:#74901E  
}
```

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 #74901E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74901E
}
```

Border

The CSS property to change the border of an element to Hex 74901E 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
#74901E }
```

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

```
.border{ border-color:#74901E }
```

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

Here you see how a box with a 4 pixel #74901E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74901E; -webkit-box-shadow:4px 4px  
4px 4px #74901E; box-shadow:4px 4px 4px  
4px #74901E }
```

Background

The CSS property to change the background color of an element to Hex 74901E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74901E }
```

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

```
.background{ background-color:#74901E }
```

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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