

Converting Colors

Hex(4F901E)

Have a look what the booklet for
Hex(4F901E) contains.

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Color

Hex(4F901E)

Conversions

Conversions Part 1

Format	Color
Hex	4F901E
RGB	79, 144, 30
RGB Percent	31%, 56%, 12%
CMY	0.6902, 0.4353, 0.8824
CMYK	0.45, 0.00, 0.79, 0.44
HSL	94°, 66%, 34%
HSV	94°, 79%, 56%
XYZ	13.4321, 21.7025, 4.7094
YIQ	111.5690, -2.1460, -49.2340

Conversions

Conversions Part 2

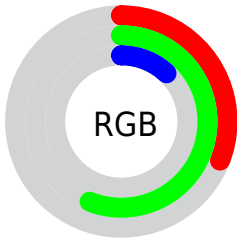
Format	Color
RYB	30, 144, 95
Decimal	5214238
CIELab	53.71, -40.04, 49.99
CIELCh	54, 64.042, 128.693
Yxy	21.7025, 0.3371, 0.5447
Android (android.graphics.Color)	4283404318 (0xFF4F901E)
YUV	111.5690, -40.2135, -28.5630
Hunter-Lab	46.5860, -30.0588, 26.6166

Details

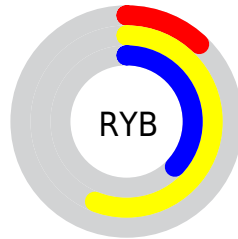
The Hex color **4F901E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5F1E90**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **86C654**, and **135D00** is the 20% darker color. If you saturate the color by 10%, you get **479010**, and if you desaturate by 10%, it is **57902C**.

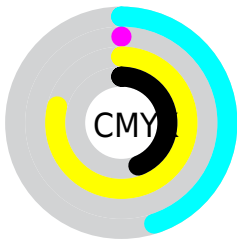
Distribution



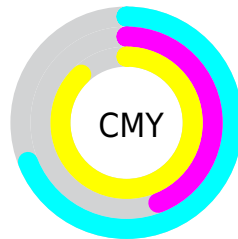
- Red (31%)
- Green (56%)
- Blue (12%)



- Red (12%)
- Yellow (56%)
- Blue (37%)



- Cyan (45%)
- Magenta (0%)
- Yellow (79%)
- Black (44%)



- Cyan (69%)
- Magenta (44%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F901E 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 4F901E by changing the saturation by 10% instead.



4F901E



4F901E

FFFFFF



337600



86C654



135D00



A2E36E



004400



BEFF89



002E00



DBFFA4



001500



F8FFC0



000000



FFFFDD



FFFFFA



4F901E



4F901E

■ 479010

■ 57902C

■ 3F9001

■ 5F903B

■ 3E9000

■ 689049

■ 709058

■ 789066

■ 809074

■ 889083

■ 919091

■ 9990A0

Harmonies

Analogous

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



8B8300



4F901E



009756

Triad

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



4F901E



0091E7



E24573

Complementary

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



4F901E



5F1E90

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.



CE50AA



4F901E



0082EE

Square

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



4F901E



0098C4



966AD7



D9563E

Rectangle

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



4F901E



00997C



966AD7



DF4685

Sweetspot

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



4F901E



A1BA8D



905F1E



4F5E43



DEDEDE



5E5E5E

Same Dimension

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



4F901E



55BA09



1E9026



434740



3A8700



030800

Inverse Universe

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



5F1E90



6E09BA



901E88



444047



4D0087



040008

Previews

White Background



This preview shows how the Hex color 4F901E looks on a white background.

Color Contrast Check

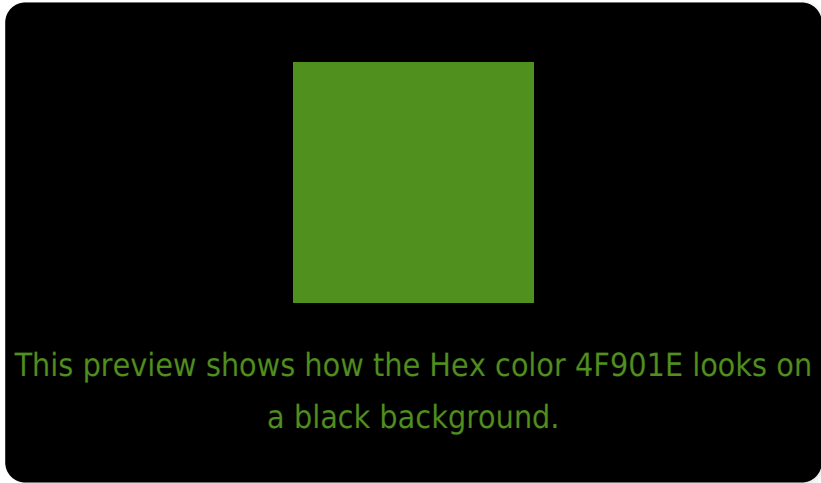
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F901E Background



This preview shows how black text looks on a background with the Hex color 4F901E.

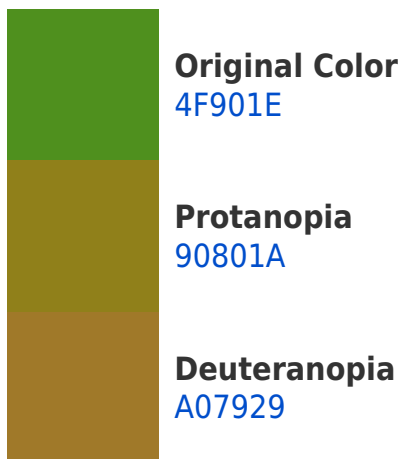


This preview shows how white text looks on a background with the Hex color 4F901E.

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](#).

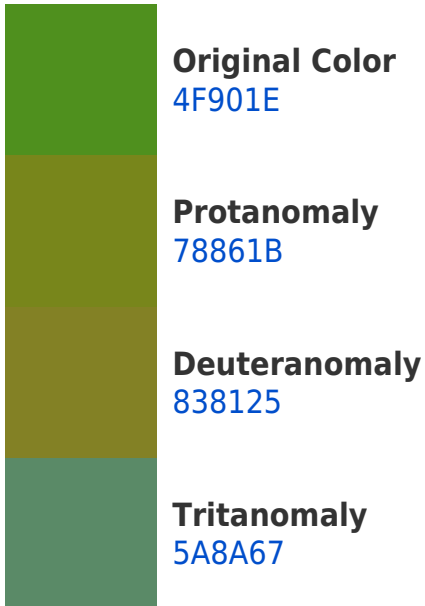
Dichromacy





Tritanopia
608691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F901E 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 #4F901E looks like.

```
.text, #text, p{  
    color:#4F901E  
}
```

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 #4F901E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F901E
}
```

Border

The CSS property to change the border of an element to Hex 4F901E 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
#4F901E }
```

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

```
.border{ border-color:#4F901E }
```

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

Here you see how a box with a 4 pixel #4F901E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F901E; -webkit-box-shadow:4px 4px  
4px 4px #4F901E; box-shadow:4px 4px 4px  
4px #4F901E }
```

Background

The CSS property to change the background color of an element to Hex 4F901E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F901E }
```

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

```
.background{ background-color:#4F901E }
```

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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