

Converting Colors

Hex(4F4901)

Have a look what the booklet for
Hex(4F4901) contains.

Hex(4F4901)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(4F4901)

Conversions

Conversions Part 1

Format	Color
Hex	4F4901
RGB	79, 73, 1
RGB Percent	31%, 29%, 0%
CMY	0.6902, 0.7137, 0.9961
CMYK	0.00, 0.08, 0.99, 0.69
HSL	55°, 98%, 16%
HSV	55°, 99%, 31%
XYZ	5.6125, 6.4295, 0.9739
YIQ	66.5860, 26.6880, -21.1200

Conversions

Conversions Part 2

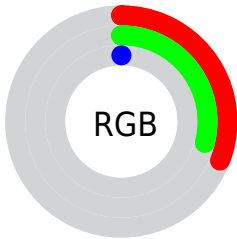
Format	Color
RYB	8, 79, 1
Decimal	5196033
CIELab	30.47, -5.60, 38.61
CIELCh	30, 39.011, 98.258
Yxy	6.4295, 0.4312, 0.4940
Android (android.graphics.Color)	4283386113 (0xFF4F4901)
YUV	66.5860, -32.3339, 10.8871
Hunter-Lab	25.3565, -4.8644, 15.4723

Details

The Hex color **4F4901** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **01074F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **837934**, and **1E1E00** is the 20% darker color. If you saturate the color by 10%, you get **4F4900**, and if you desaturate by 10%, it is **4F4A09**.

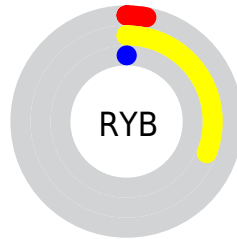
Distribution



Red (31%)

Green (29%)

Blue (0%)



Red (3%)

Yellow (31%)

Blue (0%)

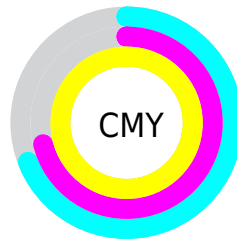


Cyan (0%)

Magenta (8%)

Yellow (99%)

Black (69%)



Cyan (69%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F4901 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 4F4901 by changing the saturation by 10% instead.



4F4901



4F4901



FFFFED



373300



837934



1E1E00



9E934C



000300



BAAD65



000000



D6C97F



F3E599



FFFFB5



FFFFD0



4F4901



4F4901

■ 4F4900

■ 4F4A09

■ 4F4A11

■ 4F4B19

■ 4F4B21

■ 4F4C29

■ 4F4D30

■ 4F4D38

■ 4F4E40

■ 4F4E48

Harmonies

Analogous

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



683E0B



4F4901



2E5013

Triad

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



4F4901



00556D



732F5F

Complementary

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



4F4901



01074F

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.



543C78



4F4901



005180

Square

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



4F4901



005650



094984



7E2941

Rectangle

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



4F4901



065326



094984



6B3368

Sweetspot

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



4F4901



666447



4F0107



333221



B3B3B3



333333

Same Dimension

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



4F4901



665E00



2F4F01



262622



E6D400

Inverse Universe

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



01074F



000866



22014F



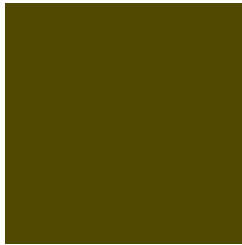
222326



0012E6

Previews

White Background



This preview shows how the Hex color 4F4901 looks on a white background.

Color Contrast Check

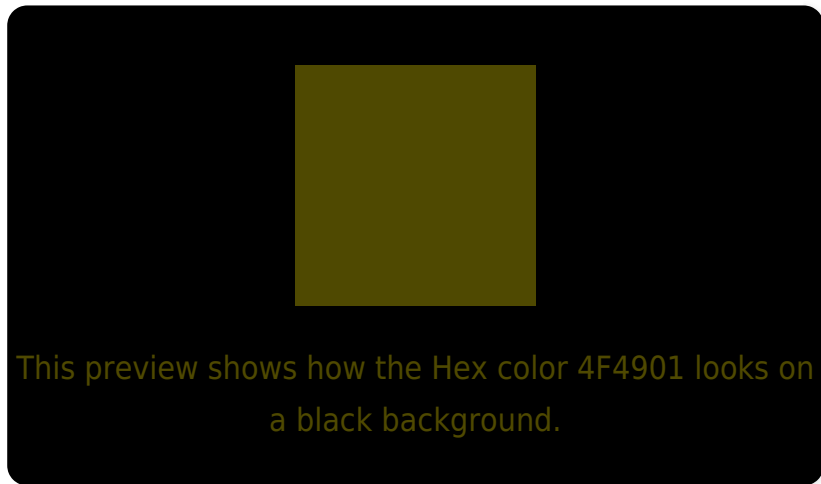
Large Text (above 18pt) WCAG AA ✓ Pass

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

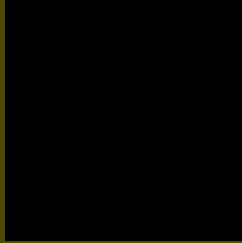
Any Text WCAG AA × Fail

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 4F4901 Background



This preview shows how black text looks on a background with the Hex color 4F4901.



This preview shows how white text looks on a background with the Hex color 4F4901.

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
4F4901

Protanopia
514800

Deuteranopia
5B440A



Tritanopia
534449

Trichromacy



Original Color
4F4901

Protanomaly
504800

Deuteranomaly
574607

Tritanomaly
52462F

Monochromacy



Original Color
4F4901

Achromatopsia
434343

Achromatomaly
47452B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F4901 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 #4F4901 looks like.

```
.text, #text, p{  
    color:#4F4901  
}
```

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 #4F4901 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4901
}
```

Border

The CSS property to change the border of an element to Hex 4F4901 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".

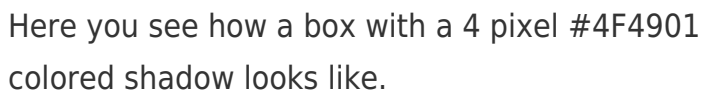
```
.border, #border, table{ border:4px solid
#4F4901 }
```

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

```
.border{ border-color:#4F4901 }
```

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

Here you see how a box with a 4 pixel #4F4901 colored shadow looks like.

A rectangular box with a dark olive green border and a matching shadow. The box is white with a thin grey border. The shadow is a dark olive green color, matching the border color. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4901; -webkit-box-shadow:4px 4px  
4px 4px #4F4901; box-shadow:4px 4px 4px  
4px #4F4901 }
```

Background

The CSS property to change the background color of an element to Hex 4F4901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4901 }
```

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

```
.background{ background-color:#4F4901 }
```

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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