

# Converting Colors

Hex(4D941E)

Have a look what the booklet for  
Hex(4D941E) contains.

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# Color

Hex(4D941E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D941E
RGB	77, 148, 30
RGB Percent	30%, 58%, 12%
CMY	0.6980, 0.4196, 0.8824
CMYK	0.48, 0.00, 0.80, 0.42
HSL	96°, 66%, 35%
HSV	96°, 80%, 58%
XYZ	13.8848, 22.8513, 4.9072
YIQ	113.3190, -4.4380, -51.7500

# Conversions

## Conversions Part 2

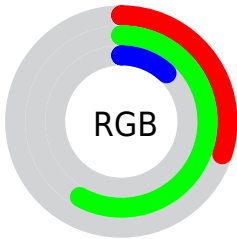
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 148, 101
Decimal	5084190
CIELab	54.92, -42.35, 51.10
CIElCh	55, 66.370, 129.653
Yxy	22.8513, 0.3334, 0.5487
Android (android.graphics.Color)	4283274270 (0xFF4D941E)
YUV	113.3190, -41.0763, -31.8518
Hunter-Lab	47.8031, -31.8085, 27.3757

# Details

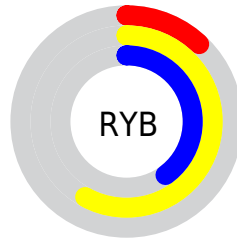
The Hex color **4D941E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **651E94**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **84CB54**, and **0C6000** is the 20% darker color. If you saturate the color by 10%, you get **44940F**, and if you desaturate by 10%, it is **56942D**.

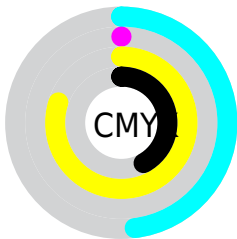
# Distribution



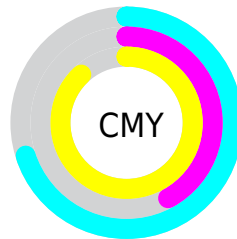
- Red (30%)
- Green (58%)
- Blue (12%)



- Red (12%)
- Yellow (58%)
- Blue (40%)



- Cyan (48%)
- Magenta (0%)
- Yellow (80%)
- Black (42%)



- Cyan (70%)
- Magenta (42%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D941E 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 4D941E by changing the saturation by 10% instead.





4D941E



4D941E

FFFFFF



307A00



84CB54



0C6000



A0E76F



004800



BDFE8A



003100



DAFFA5



001A00



F7FFC1



000000



FFFFDD



FFFFFB



4D941E



4D941E

■ 44940F

■ 56942D

■ 3B9400

■ 5F943C

■ 68944A

■ 719459

■ 7A9468

■ 829477

■ 8B9486

■ 949494

■ 9D94A3

# Harmonies

## Analogous

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



8D8700



4D941E



009B59

# Triad

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



4D941E



0094EF



E94573

# Complementary

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



4D941E



651E94

# 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.



D54FAD



4D941E



0084F6

# Square

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



4D941E



009CCC



9C6BDD



DE583D

# Rectangle

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



4D941E



009D81



9C6BDD



E64587



# Sweetspot

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



4D941E



A4BF91



94651E



506145



E0E0E0



616161



# Same Dimension

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



4D941E



51BF08



1E942A



464A43



378A00



040A00



# Inverse Universe

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



651E94



7608BF



941E88



47434A



53008A



06000A



# Previews

## White Background



This preview shows how the Hex color 4D941E looks on a white background.

## Color Contrast Check

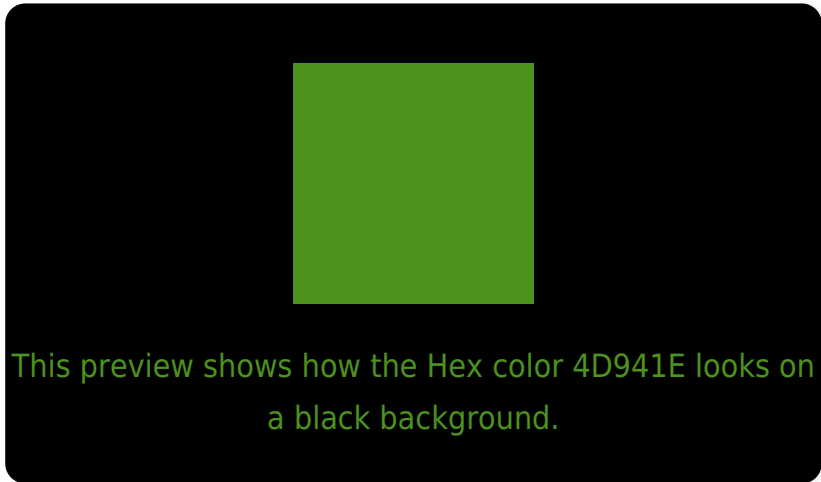
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D941E Background



This preview shows how black text looks on a background with the Hex color 4D941E.



This preview shows how white text looks on a background with the Hex color 4D941E.

# 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**  
4D941E

**Protanopia**  
93831A

**Deuteranopia**  
A47C2A



**Tritanopia**  
608A95

# Trichromacy



**Original Color**  
4D941E

**Protanomaly**  
7A891B

**Deuteranomaly**  
848526

**Tritanomaly**  
598E6A

# Monochromacy



**Original Color**  
4D941E

**Achromatopsia**  
717171

**Achromatomaly**  
647E53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D941E 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 #4D941E looks like.

```
.text, #text, p{  
    color:#4D941E  
}
```

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 #4D941E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D941E
}
```

## Border

The CSS property to change the border of an element to Hex 4D941E 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
#4D941E }
```

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

```
.border{ border-color:#4D941E }
```

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

Here you see how a box with a 4 pixel #4D941E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D941E; -webkit-box-shadow:4px 4px  
4px 4px #4D941E; box-shadow:4px 4px 4px  
4px #4D941E }
```

# Background

The CSS property to change the background color of an element to Hex 4D941E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D941E }
```

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

```
.background{ background-color:#4D941E }
```

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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