

# Converting Colors

Hex(4F8D1C)

Have a look what the booklet for  
Hex(4F8D1C) contains.

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# Color

Hex(4F8D1C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F8D1C
RGB	79, 141, 28
RGB Percent	31%, 55%, 11%
CMY	0.6902, 0.4471, 0.8902
CMYK	0.44, 0.00, 0.80, 0.45
HSL	93°, 67%, 33%
HSV	93°, 80%, 55%
XYZ	12.9589, 20.7959, 4.4296
YIQ	109.5800, -0.6790, -48.2870

# Conversions

## Conversions Part 2

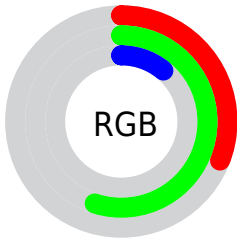
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 141, 90
Decimal	5213468
CIE <sub>Lab</sub>	52.73, -38.89, 49.71
CIE <sub>LCh</sub>	53, 63.110, 128.037
Yxy	20.7959, 0.3394, 0.5446
Android (android.graphics.Color)	4283403548 (0xFF4F8D1C)
YUV	109.5800, -40.2189, -26.8187
Hunter-Lab	45.6025, -29.0797, 26.1626

# Details

The Hex color **4F8D1C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5A1C8D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **86C352**, and **145A00** is the 20% darker color. If you saturate the color by 10%, you get **478D0E**, and if you desaturate by 10%, it is **578D2A**.

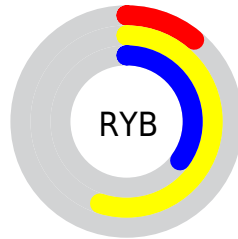
# Distribution



Red (31%)

Green (55%)

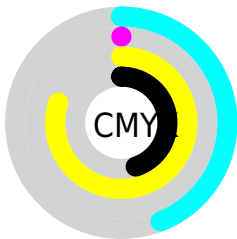
Blue (11%)



Red (11%)

Yellow (55%)

Blue (35%)

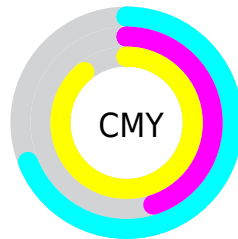


Cyan (44%)

Magenta (0%)

Yellow (80%)

Black (45%)



Cyan (69%)

Magenta (45%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F8D1C 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 4F8D1C by changing the saturation by 10% instead.



 4F8D1C

 4F8D1C

FFFFFF

 337300

 86C352

 145A00

 A1DF6C

 004200

 BEFC87

 002C00

 DAFFA2

 001100

 F8FFBE

 000000

 FFFFDA

 FFFFF7

 4F8D1C

 4F8D1C

■ 478D0E

■ 578D2A

■ 408D00

■ 5E8D38

■ 668D46

■ 6E8D54

■ 768D63

■ 7D8D71

■ 858D7F

■ 8D8D8D

■ 958D9B

# Harmonies

## Analogous

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



8A8000



4F8D1C



009453

# Triad

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



4F8D1C



008EE2



DE4472

# Complementary

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



4F8D1C



5A1C8D

# 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.



C94FA8



4F8D1C



0080EA

# Square

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



4F8D1C



0095C0



9168D4



D5543E

# Rectangle

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



4F8D1C



009678



9168D4



DA4484



# Sweetspot

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



4F8D1C



9FB88C



8D581C



4D5C41



DBDBDB



5C5C5C



# Same Dimension

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



4F8D1C



57B807



1C8D20



434740



3D8700



030800



# Inverse Universe

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



5A1C8D



6807B8



8D1C89



444047



4A0087



040008



# Previews

## White Background



This preview shows how the Hex color 4F8D1C looks on a white background.

## Color Contrast Check

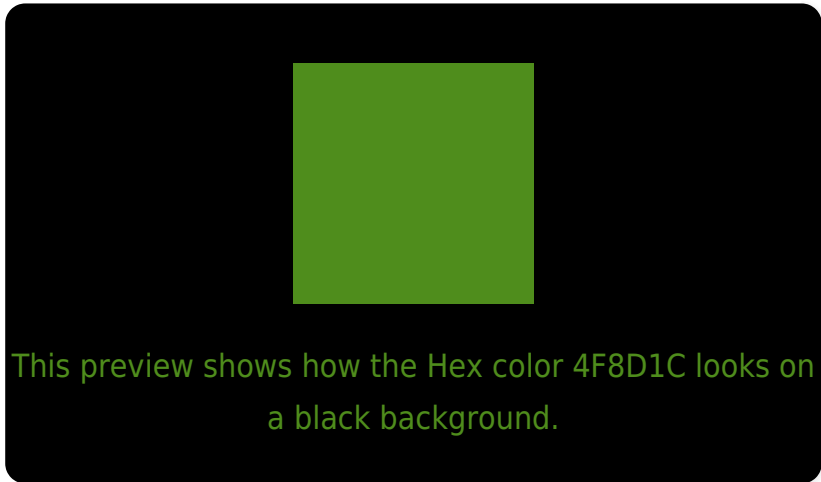
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F8D1C Background



This preview shows how black text looks on a background with the Hex color 4F8D1C.



This preview shows how white text looks on a background with the Hex color 4F8D1C.

# 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**  
4F8D1C

**Protanopia**  
8D7E18

**Deuteranopia**  
9D7727



**Tritanopia**  
60838E

# Trichromacy



**Original Color**  
4F8D1C

**Protanomaly**  
768319

**Deuteranomaly**  
817F23

**Tritanomaly**  
5A8765

# Monochromacy



**Original Color**  
4F8D1C

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
637950

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F8D1C 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 #4F8D1C looks like.

```
.text, #text, p{  
    color:#4F8D1C  
}
```

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 #4F8D1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F8D1C
}
```

## Border

The CSS property to change the border of an element to Hex 4F8D1C 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
#4F8D1C }
```

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

```
.border{ border-color:#4F8D1C }
```

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

Here you see how a box with a 4 pixel #4F8D1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F8D1C; -webkit-box-shadow:4px 4px  
4px 4px #4F8D1C; box-shadow:4px 4px 4px  
4px #4F8D1C }
```

# Background

The CSS property to change the background color of an element to Hex 4F8D1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F8D1C }
```

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

```
.background{ background-color:#4F8D1C }
```

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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