

# Converting Colors

Hex(4D8A0F)

Have a look what the booklet for  
Hex(4D8A0F) contains.

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# Color

Hex(4D8A0F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D8A0F
RGB	77, 138, 15
RGB Percent	30%, 54%, 6%
CMY	0.6980, 0.4588, 0.9412
CMYK	0.44, 0.00, 0.89, 0.46
HSL	90°, 80%, 30%
HSV	90°, 89%, 54%
XYZ	12.2353, 19.7892, 3.6268
YIQ	105.7390, 3.1270, -51.1850

# Conversions

## Conversions Part 2

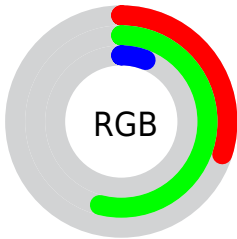
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 138, 76
Decimal	5081615
CIELab	51.60, -38.91, 52.20
CIELCh	52, 65.105, 126.702
Yxy	19.7892, 0.3432, 0.5551
Android (android.graphics.Color)	4283271695 (0xFF4D8A0F)
YUV	105.7390, -44.7343, -25.2041
Hunter-Lab	44.4851, -28.7539, 26.3058

# Details


The Hex color **4D8A0F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4C0F8A**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **84C049**, and **125700** is the 20% darker color. If you saturate the color by 10%, you get **468A01**, and if you desaturate by 10%, it is **548A1D**.

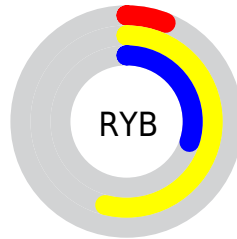
# Distribution



 Red (30%)

 Green (54%)

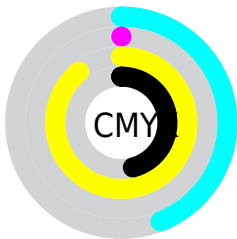
 Blue (6%)




 Red (6%)

 Yellow (54%)

 Blue (30%)

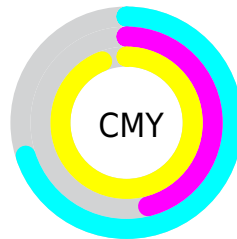


 Cyan (44%)

 Magenta (0%)

 Yellow (89%)

 Black (46%)



 Cyan (70%)

 Magenta (46%)

 Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D8A0F 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 4D8A0F by changing the saturation by 10% instead.





4D8A0F



4D8A0F

FFFFFF



317000



84C049



125700



A0DC64



003F00



BCF97F



002900



D9FF9A



000B00



F6FFB5



000000



FFFFD2



FFFFEF



4D8A0F



4D8A0F

■ 468A01

■ 548A1D

■ 468A00

■ 5B8A2B

■ 628A38

■ 688A46

■ 6F8A54

■ 768A62

■ 7D8A70

■ 848A7D

■ 8B8A8B

# Harmonies

## Analogous

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



897D00



4D8A0F



00914C

# Triad

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



4D8A0F



008CE1



DD3D71

# Complementary

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



4D8A0F



4C0F8A

# 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.



C64AA8



4D8A0F



007EEB

# Square

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



4D8A0F



0093BD



8B66D5



D54D3B

# Rectangle

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



4D8A0F



009373



8B66D5



D93E84



# Sweetspot

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



4D8A0F



9BB382



8A4A0F



4B593D



D9D9D9



595959



# Same Dimension

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



4D8A0F



5AB300



118A0F



41453E



438500



030500



# Inverse Universe

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



4C0F8A



5900B3



880F8A



413E45



420085



030005



# Previews

## White Background



This preview shows how the Hex color 4D8A0F looks on a white background.

## Color Contrast Check

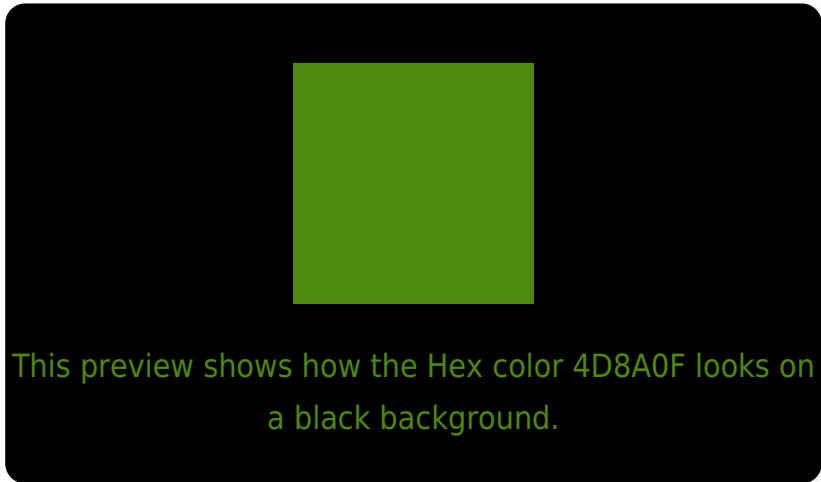
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D8A0F Background



This preview shows how black text looks on a background with the Hex color 4D8A0F.



This preview shows how white text looks on a background with the Hex color 4D8A0F.

# 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**  
4D8A0F

**Protanopia**  
8A7B08

**Deuteranopia**  
9A741F



**Tritanopia**  
5E808B

# Trichromacy



**Original Color**  
4D8A0F



**Protanomaly**  
74800B



**Deuteranomaly**  
7E7C19



**Tritanomaly**  
58845E

# Monochromacy



**Original Color**  
4D8A0F



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
5F7649

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D8A0F 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 #4D8A0F looks like.

```
.text, #text, p{  
    color:#4D8A0F  
}
```

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 #4D8A0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8A0F
}
```

## Border

The CSS property to change the border of an element to Hex 4D8A0F 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
#4D8A0F }
```

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

```
.border{ border-color:#4D8A0F }
```

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

Here you see how a box with a 4 pixel #4D8A0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8A0F; -webkit-box-shadow:4px 4px  
4px 4px #4D8A0F; box-shadow:4px 4px 4px  
4px #4D8A0F }
```

# Background

The CSS property to change the background color of an element to Hex 4D8A0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8A0F }
```

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

```
.background{ background-color:#4D8A0F }
```

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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