

# Converting Colors

Hex(6D8A46)

Have a look what the booklet for  
Hex(6D8A46) contains.

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**Color**

**Hex(6D8A46)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D8A46
RGB	109, 138, 70
RGB Percent	43%, 54%, 27%
CMY	0.5725, 0.4588, 0.7255
CMYK	0.21, 0.00, 0.49, 0.46
HSL	86°, 33%, 41%
HSV	86°, 49%, 54%
XYZ	16.5006, 21.8704, 9.1461
YIQ	121.5770, 4.5440, -27.2960

# Conversions

## Conversions Part 2

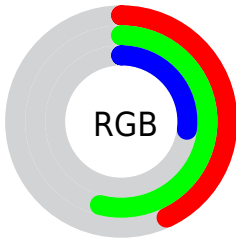
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 138, 99
Decimal	7178822
CIELab	53.89, -22.32, 32.91
CIELCh	54, 39.763, 124.146
Yxy	21.8704, 0.3473, 0.4603
Android (android.graphics.Color)	4285368902 (0xFF6D8A46)
YUV	121.5770, -25.4275, -11.0300
Hunter-Lab	46.7658, -18.8589, 21.1406

# Details

The Hex color **6D8A46** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **63468A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A2C078**, and **3B5817** is the 20% darker color. If you saturate the color by 10%, you get **678A38**, and if you desaturate by 10%, it is **738A54**.

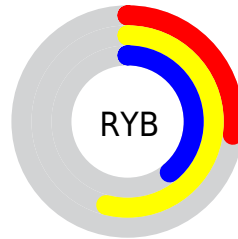
# Distribution



Red (43%)

Green (54%)

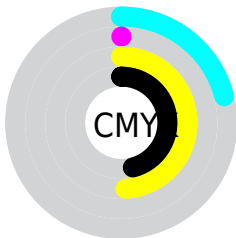
Blue (27%)



Red (27%)

Yellow (54%)

Blue (39%)

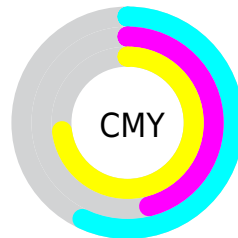


Cyan (21%)

Magenta (0%)

Yellow (49%)

Black (46%)



Cyan (57%)

Magenta (46%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D8A46 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 6D8A46 by changing the saturation by 10% instead.





6D8A46



6D8A46

FFFFFF



54702E



A2C078



3B5817



BDDB92



234000



DAF8AD



0B2A00



F6FFC9



001600



FFFFE5



000000



6D8A46



6D8A46



678A38



738A54



618A2A



798A62

 5B8A1D

 7F8A6F

 558A0F

 858A7D

 508A01

 8A8A8B

 4F8A00

 908A99

 968AA7

 9C8AB4

 A28AC2

# Harmonies

## Analogous

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



91803A



6D8A46



3F9062

# Triad

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



6D8A46



008CBE



C0647D

# Complementary

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



6D8A46



63468A

# 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.



AF6A9F



6D8A46



4F83C5

# Square

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



6D8A46



0091A6



8A76BA



BF695C

# Rectangle

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



6D8A46



009279



8A76BA



BD6589



# Sweetspot

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



6D8A46



A7B398



8A6246



525949



D9D9D9



595959



# Same Dimension

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



6D8A46



86B349



4C8A46



42453E



4C8500



030500



# Inverse Universe

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



63468A



7649B3



84468A



413E45



390085



020005



# Previews

## White Background



This preview shows how the Hex color 6D8A46 looks on a white background.

## Color Contrast Check

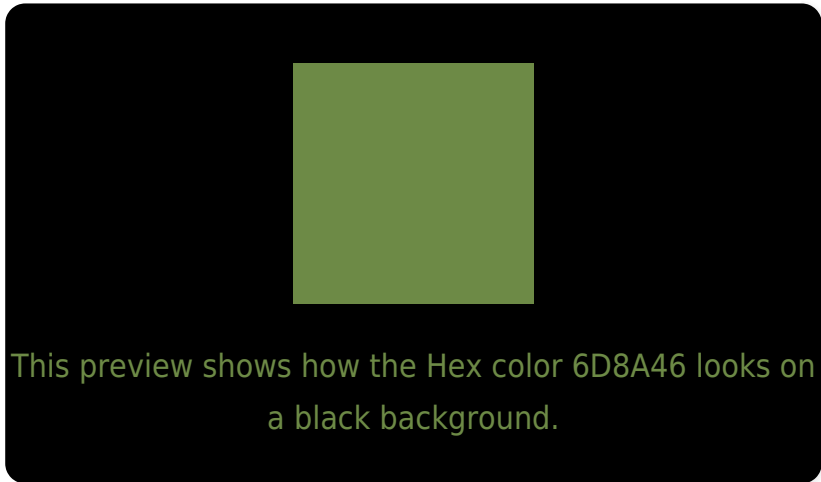
Large Text (above 18pt) WCAG AA ✓ Pass

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

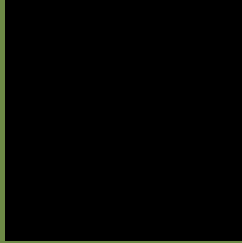
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D8A46 Background



This preview shows how black text looks on a background with the Hex color 6D8A46.



This preview shows how white text looks on a background with the Hex color 6D8A46.

# 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](#).

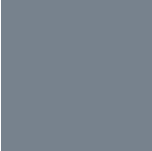
## Dichromacy



**Original Color**  
6D8A46

**Protanopia**  
8E8143

**Deuteranopia**  
9C7B4A



**Tritanopia**  
77828D

# Trichromacy



**Original Color**  
6D8A46

**Protanomaly**  
828444

**Deuteranomaly**  
8B8049

**Tritanomaly**  
738573

# Monochromacy



**Original Color**  
6D8A46

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
758067

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D8A46 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 #6D8A46 looks like.

```
.text, #text, p{  
    color:#6D8A46  
}
```

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 #6D8A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8A46
}
```

## Border

The CSS property to change the border of an element to Hex 6D8A46 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
#6D8A46 }
```

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

```
.border{ border-color:#6D8A46 }
```

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

Here you see how a box with a 4 pixel #6D8A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8A46; -webkit-box-shadow:4px 4px  
4px 4px #6D8A46; box-shadow:4px 4px 4px  
4px #6D8A46 }
```

# Background

The CSS property to change the background color of an element to Hex 6D8A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8A46 }
```

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

```
.background{ background-color:#6D8A46 }
```

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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