

# Converting Colors

Hex(6C7D40)

Have a look what the booklet for  
Hex(6C7D40) contains.

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# Color

Hex(6C7D40)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C7D40
RGB	108, 125, 64
RGB Percent	42%, 49%, 25%
CMY	0.5765, 0.5098, 0.7490
CMYK	0.14, 0.00, 0.49, 0.51
HSL	77°, 32%, 37%
HSV	77°, 49%, 49%
XYZ	14.4434, 18.2255, 7.6071
YIQ	112.9630, 9.4490, -22.5750

# Conversions

## Conversions Part 2

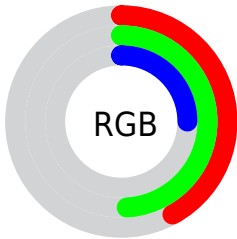
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 125, 81
Decimal	7109952
CIELab	49.77, -16.67, 31.02
CIELCh	50, 35.216, 118.250
Yxy	18.2255, 0.3586, 0.4525
Android (android.graphics.Color)	4285300032 (0xFF6C7D40)
YUV	112.9630, -24.1388, -4.3526
Hunter-Lab	42.6914, -14.3197, 19.3192

# Details

The Hex color **6C7D40** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **51407D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A1B271**, and **3B4C11** is the 20% darker color. If you saturate the color by 10%, you get **697D34**, and if you desaturate by 10%, it is **6F7D4D**.

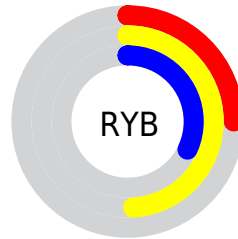
# Distribution



Red (42%)

Green (49%)

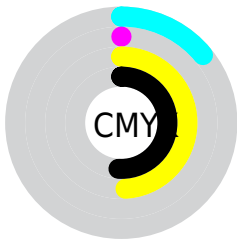
Blue (25%)



Red (25%)

Yellow (49%)

Blue (32%)

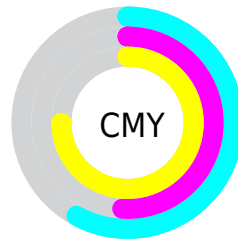


Cyan (14%)

Magenta (0%)

Yellow (49%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C7D40 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 6C7D40 by changing the saturation by 10% instead.





6C7D40



6C7D40

FFFFFF



536429



A1B271



3B4C11



BCCD8B



243500



D8E9A6



0B2000



F5FFC1



000000



FFFFDD



FFFFFA



6C7D40



6C7D40



697D34



6F7D4D

■ 657D27

■ 737D59

■ 627D1B

■ 767D66

■ 5E7D0E

■ 7A7D72

■ 5B7D02

■ 7D7D7E

■ 5A7D00

■ 817D8B

■ 847D98

■ 887DA4

■ 8B7DB1

# Harmonies

## Analogous

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



8A7439



6C7D40



478356

# Triad

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



6C7D40



0082A9



AD5E79

# Complementary

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



6C7D40



51407D

# 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.



9A6496



6C7D40



417AB2

# Square

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



6C7D40



008592



766FAB



AE605C

# Rectangle

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



6C7D40



268569



766FAB



A85F83



# Sweetspot

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



6C7D40



9CA38B



7D5040



4E5243



D1D1D1



525252



# Same Dimension

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



6C7D40



88A343



4E7D40



3E4039



5C8000



000000



# Inverse Universe

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



51407D



5E43A3



6F407D



3B3940



240080



000000



# Previews

## White Background



This preview shows how the Hex color 6C7D40 looks on a white background.

## Color Contrast Check

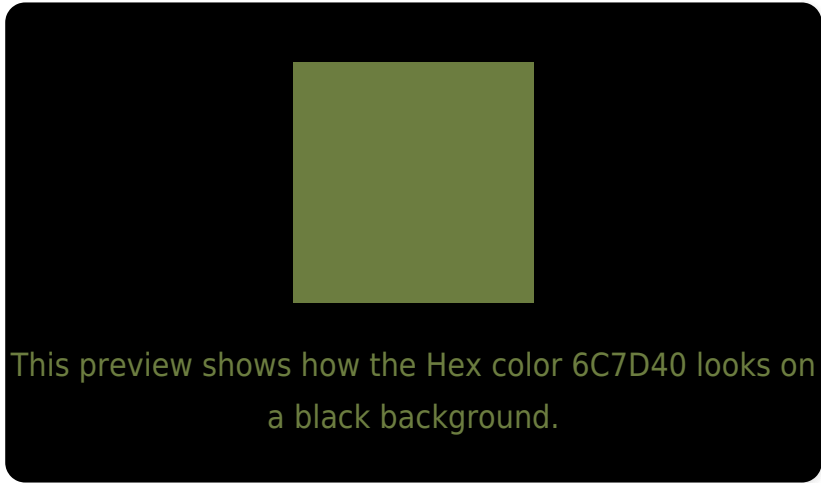
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

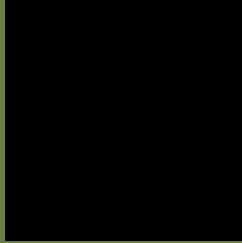
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C7D40 Background



This preview shows how black text looks on a background with the Hex color 6C7D40.



This preview shows how white text looks on a background with the Hex color 6C7D40.

# 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**  
6C7D40

**Protanopia**  
82763E

**Deuteranopia**  
907143



**Tritanopia**  
74767F

# Trichromacy



**Original Color**  
6C7D40

**Protanomaly**  
7A793F

**Deuteranomaly**  
837542

**Tritanomaly**  
717968

# Monochromacy



**Original Color**  
6C7D40

**Achromatopsia**  
717171

**Achromatomaly**  
6F755F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C7D40 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 #6C7D40 looks like.

```
.text, #text, p{  
    color:#6C7D40  
}
```

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 #6C7D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7D40
}
```

## Border

The CSS property to change the border of an element to Hex 6C7D40 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
#6C7D40 }
```

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

```
.border{ border-color:#6C7D40 }
```

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

Here you see how a box with a 4 pixel #6C7D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7D40; -webkit-box-shadow:4px 4px  
4px 4px #6C7D40; box-shadow:4px 4px 4px  
4px #6C7D40 }
```

# Background

The CSS property to change the background color of an element to Hex 6C7D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7D40 }
```

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

```
.background{ background-color:#6C7D40 }
```

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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