

# Converting Colors

Hex(6C7E37)

Have a look what the booklet for  
Hex(6C7E37) contains.

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# Color

Hex(6C7E37)

# Conversions

## Conversions Part 1

Format	Color
Hex	6C7E37
RGB	108, 126, 55
RGB Percent	42%, 49%, 22%
CMY	0.5765, 0.5059, 0.7843
CMYK	0.14, 0.00, 0.56, 0.51
HSL	75°, 39%, 35%
HSV	75°, 56%, 49%
XYZ	14.3348, 18.3857, 6.4077
YIQ	112.5240, 12.0630, -25.8970

# Conversions

## Conversions Part 2

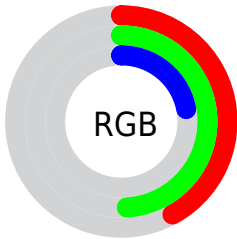
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 126, 73
Decimal	7110199
CIELab	49.96, -18.17, 35.93
CIELCh	50, 40.263, 116.820
Yxy	18.3857, 0.3664, 0.4699
Android (android.graphics.Color)	4285300279 (0xFF6C7E37)
YUV	112.5240, -28.3593, -3.9675
Hunter-Lab	42.8785, -15.3629, 21.1548

# Details

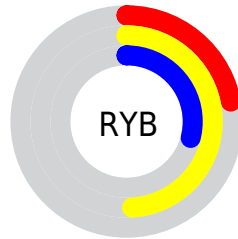
The Hex color **6C7E37** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **49377E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A1B368**, and **3A4D05** is the 20% darker color. If you saturate the color by 10%, you get **697E2A**, and if you desaturate by 10%, it is **6F7E44**.

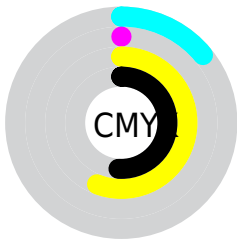
# Distribution



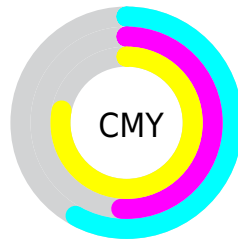
- Red (42%)
- Green (49%)
- Blue (22%)



- Red (22%)
- Yellow (49%)
- Blue (29%)



- Cyan (14%)
- Magenta (0%)
- Yellow (56%)
- Black (51%)



- Cyan (58%)
- Magenta (51%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C7E37 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 6C7E37 by changing the saturation by 10% instead.





6C7E37



6C7E37

FFFFFF



53651F



A1B368



3A4D05



BDCE82



243600



D9EA9D



082100



F6FFB8



000000



FFFFD4



FFFFF0



6C7E37



6C7E37



697E2A



6F7E44

667E1E

727E50

627E11

767E5D

5F7E05

797E69

5E7E00

7C7E76

7F7E83

827E8F

867E9C

897EA8

# Harmonies

## Analogous

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



8E7430



6C7E37



418550

# Triad

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



6C7E37



0084AF



B45A7C

# Complementary

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



6C7E37



49377E

# 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.



9E629D



6C7E37



2A7CBB

# Square

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



6C7E37



008895



736FB4



B65C5A

# Rectangle

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



6C7E37



098766



736FB4



AE5C87



# Sweetspot

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



6C7E37



9CA387



7E4937



4D5241



D1D1D1



525252



# Same Dimension

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



6C7E37



87A334



497E37



3E4039



5F8000



000000



# Inverse Universe

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



49377E



5034A3



6C377E



3B3940



200080



000000



# Previews

## White Background



This preview shows how the Hex color 6C7E37 looks on a white background.

## Color Contrast Check

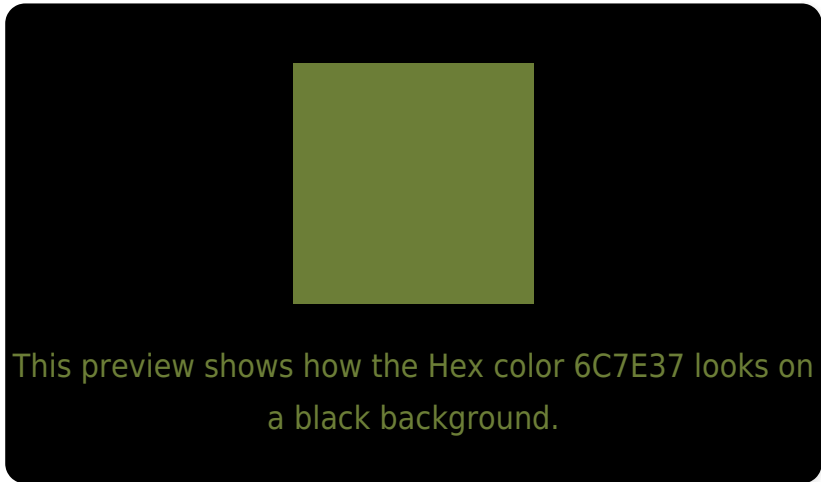
Large Text (above 18pt) WCAG AA ✓ Pass

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

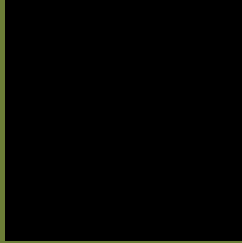
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C7E37 Background



This preview shows how black text looks on a background with the Hex color 6C7E37.



This preview shows how white text looks on a background with the Hex color 6C7E37.

# 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**  
6C7E37

**Protanopia**  
847735

**Deuteranopia**  
92713B



**Tritanopia**  
757680

# Trichromacy



**Original Color**  
6C7E37

**Protanomaly**  
7B7A36

**Deuteranomaly**  
84763A

**Tritanomaly**  
727965

# Monochromacy



**Original Color**  
6C7E37

**Achromatopsia**  
717171

**Achromatomaly**  
6F765C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C7E37 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 #6C7E37 looks like.

```
.text, #text, p{  
    color:#6C7E37  
}
```

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 #6C7E37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7E37
}
```

## Border

The CSS property to change the border of an element to Hex 6C7E37 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
#6C7E37 }
```

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

```
.border{ border-color:#6C7E37 }
```

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

Here you see how a box with a 4 pixel #6C7E37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7E37; -webkit-box-shadow:4px 4px  
4px 4px #6C7E37; box-shadow:4px 4px 4px  
4px #6C7E37 }
```

# Background

The CSS property to change the background color of an element to Hex 6C7E37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7E37 }
```

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

```
.background{ background-color:#6C7E37 }
```

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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