

Converting Colors

Hex(6E7C42)

Have a look what the booklet for
Hex(6E7C42) contains.

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Color

Hex(6E7C42)

Conversions

Conversions Part 1

Format	Color
Hex	6E7C42
RGB	110, 124, 66
RGB Percent	43%, 49%, 26%
CMY	0.5686, 0.5137, 0.7412
CMYK	0.11, 0.00, 0.47, 0.51
HSL	74°, 31%, 37%
HSV	74°, 47%, 49%
XYZ	14.6214, 18.1236, 7.8818
YIQ	113.2020, 10.2740, -21.0060

Conversions

Conversions Part 2

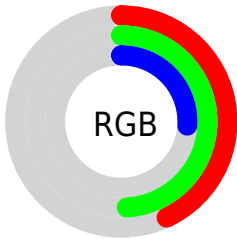
Format	Color
RYB	66, 124, 80
Decimal	7240770
CIELab	49.65, -15.05, 29.83
CIELCh	50, 33.410, 116.768
Yxy	18.1236, 0.3599, 0.4461
Android (android.graphics.Color)	4285430850 (0xFF6E7C42)
YUV	113.2020, -23.2706, -2.8082
Hunter-Lab	42.5719, -13.1945, 18.8233

Details

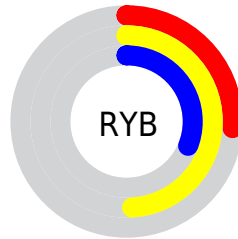
The Hex color **6E7C42** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **50427C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A3B173**, and **3D4B14** is the 20% darker color. If you saturate the color by 10%, you get **6B7C36**, and if you desaturate by 10%, it is **717C4E**.

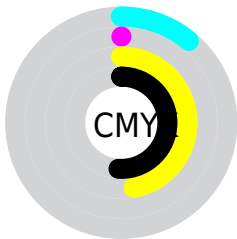
Distribution



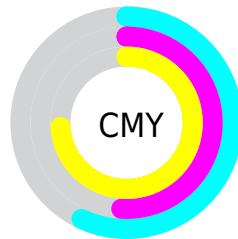
- Red (43%)
- Green (49%)
- Blue (26%)



- Red (26%)
- Yellow (49%)
- Blue (31%)



- Cyan (11%)
- Magenta (0%)
- Yellow (47%)
- Black (51%)



- Cyan (57%)
- Magenta (51%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E7C42 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 6E7C42 by changing the saturation by 10% instead.



6E7C42



6E7C42

FFFFFF



55632B



A3B173



3D4B14



BECC8D



263400



DAE8A8



0E1F00



F7FFC3



000000



FFFFDF



FFFFFC



6E7C42



6E7C42



6B7C36



717C4E

687C29

747C5B

657C1D

777C67

627C10

7A7C74

5F7C04

7D7C80

5E7C00

807C8C

837C99

867CA5

897CB2

Harmonies

Analogous

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



8B733D



6E7C42



4C8256

Triad

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



6E7C42



0081A5



A95F7A

Complementary

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



6E7C42



50427C

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.



976596



6E7C42



427AAE

Square

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



6E7C42



00848F



7470A9



AC615E

Rectangle

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



6E7C42



2F8468



7470A9



A56184

Sweetspot

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



6E7C42



9BA18A



7C5042



4E5244



D1D1D1



525252

Same Dimension

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



6E7C42



8BA147



517C42



3C3D37



5F7D00



C0FC00

Inverse Universe

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



50427C



5C47A1



6D427C



39373D



1E007D



3D00FC

Previews

White Background



This preview shows how the Hex color 6E7C42 looks on a white background.

Color Contrast Check

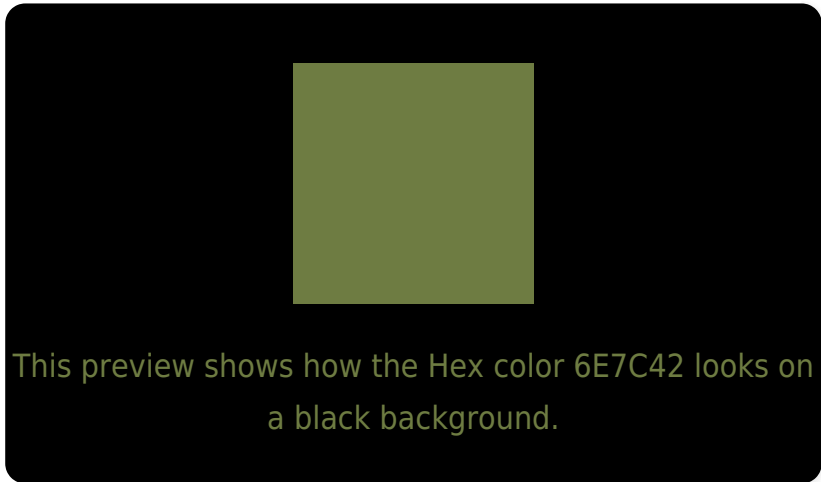
Large Text (above 18pt) WCAG AA ✓ Pass

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

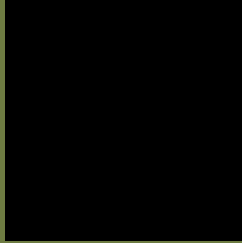
Any Text WCAG AA ✓ Pass

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 6E7C42 Background



This preview shows how black text looks on a background with the Hex color 6E7C42.



This preview shows how white text looks on a background with the Hex color 6E7C42.

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
6E7C42

Protanopia
827640

Deuteranopia
8F7045



Tritanopia
75757E

Trichromacy



Original Color
6E7C42

Protanomaly
7B7841

Deuteranomaly
837444

Tritanomaly
727868

Monochromacy



Original Color
6E7C42

Achromatopsia
717171

Achromatomaly
707560

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E7C42 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 #6E7C42 looks like.

```
.text, #text, p{  
    color:#6E7C42  
}
```

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 #6E7C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E7C42
}
```

Border

The CSS property to change the border of an element to Hex 6E7C42 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
#6E7C42 }
```

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

```
.border{ border-color:#6E7C42 }
```

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

Here you see how a box with a 4 pixel #6E7C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E7C42; -webkit-box-shadow:4px 4px  
4px 4px #6E7C42; box-shadow:4px 4px 4px  
4px #6E7C42 }
```

Background

The CSS property to change the background color of an element to Hex 6E7C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E7C42 }
```

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

```
.background{ background-color:#6E7C42 }
```

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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