

Converting Colors

Hex(6F7C3E)

Have a look what the booklet for
Hex(6F7C3E) contains.

Hex(6F7C3E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6F7C3E)

Conversions

Conversions Part 1

Format	Color
Hex	6F7C3E
RGB	111, 124, 62
RGB Percent	44%, 49%, 24%
CMY	0.5647, 0.5137, 0.7569
CMYK	0.10, 0.00, 0.50, 0.51
HSL	73°, 33%, 36%
HSV	73°, 50%, 49%
XYZ	14.6327, 18.1426, 7.2881
YIQ	113.0450, 12.1540, -22.0380

Conversions

Conversions Part 2

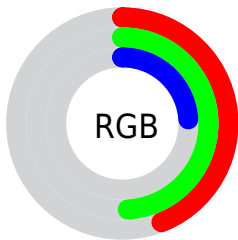
Format	Color
RYB	62, 124, 75
Decimal	7306302
CIELab	49.67, -15.08, 32.02
CIELCh	50, 35.389, 115.216
Yxy	18.1426, 0.3652, 0.4528
Android (android.graphics.Color)	4285496382 (0xFF6F7C3E)
YUV	113.0450, -25.1652, -1.7935
Hunter-Lab	42.5941, -13.2183, 19.6711

Details

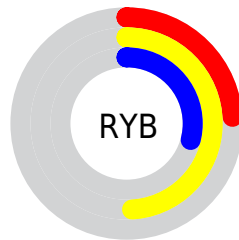
The Hex color **6F7C3E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B3E7C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A4B16F**, and **3D4B0F** is the 20% darker color. If you saturate the color by 10%, you get **6C7C32**, and if you desaturate by 10%, it is **727C4A**.

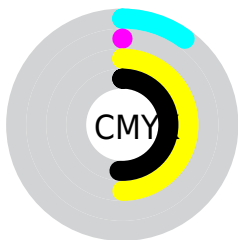
Distribution



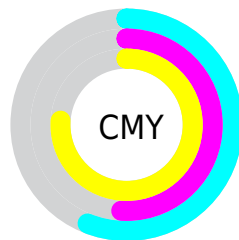
- Red (44%)
- Green (49%)
- Blue (24%)



- Red (24%)
- Yellow (49%)
- Blue (29%)



- Cyan (10%)
- Magenta (0%)
- Yellow (50%)
- Black (51%)



- Cyan (56%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F7C3E 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 6F7C3E by changing the saturation by 10% instead.



6F7C3E



6F7C3E

FFFFFF



566327



A4B16F



3D4B0F



BFCC89



273400



DCE8A4



0E1F00



F8FFBF



000000



FFFFDB



FFFFF8



6F7C3E



6F7C3E



6C7C32



727C4A

■ 6A7C25

■ 747C57

■ 677C19

■ 777C63

■ 657C0C

■ 797C70

■ 627C00

■ 7C7C7C

■ 7F7C88

■ 817C95

■ 847CA1

■ 867CAE

Harmonies

Analogous

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



8D7339



6F7C3E



4B8253

Triad

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



6F7C3E



0082A7



AB5E7C

Complementary

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



6F7C3E



4B3E7C

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.



976599



6F7C3E



397BB2

Square

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



6F7C3E



00858F



7170AC



AF5F5E

Rectangle

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



6F7C3E



2B8566



7170AC



A75F86

Sweetspot

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



6F7C3E



9CA189



7C4A3E



4F5243



D1D1D1



525252

Same Dimension

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



6F7C3E



8CA140



517C3E



3C3D37



637D00



C8FC00

Inverse Universe

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



4B3E7C



5440A1



693E7C



38373D



1A007D



3500FC

Previews

White Background



This preview shows how the Hex color 6F7C3E looks on a white background.

Color Contrast Check

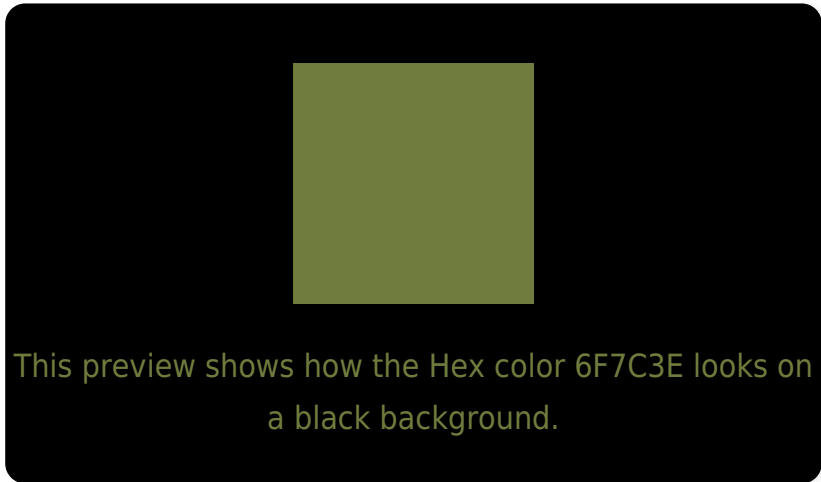
Large Text (above 18pt) WCAG AA ✓ Pass

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

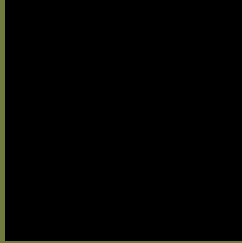
Any Text WCAG AA ✓ Pass

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 6F7C3E Background



This preview shows how black text looks on a background with the Hex color 6F7C3E.



This preview shows how white text looks on a background with the Hex color 6F7C3E.

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
6F7C3E

Protanopia
82763C

Deuteranopia
907041



Tritanopia
77757E

Trichromacy



Original Color
6F7C3E

Protanomaly
7B783D

Deuteranomaly
847440

Tritanomaly
747867

Monochromacy



Original Color
6F7C3E

Achromatopsia
717171

Achromatomaly
70755E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F7C3E 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 #6F7C3E looks like.

```
.text, #text, p{  
    color:#6F7C3E  
}
```

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 #6F7C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7C3E
}
```

Border

The CSS property to change the border of an element to Hex 6F7C3E 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
#6F7C3E }
```

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

```
.border{ border-color:#6F7C3E }
```

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

Here you see how a box with a 4 pixel #6F7C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7C3E; -webkit-box-shadow:4px 4px  
4px 4px #6F7C3E; box-shadow:4px 4px 4px  
4px #6F7C3E }
```

Background

The CSS property to change the background color of an element to Hex 6F7C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7C3E }
```

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

```
.background{ background-color:#6F7C3E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor