

Converting Colors

Hex(6D7B3F)

Have a look what the booklet for
Hex(6D7B3F) contains.

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Color

Hex(6D7B3F)

Conversions

Conversions Part 1

Format	Color
Hex	6D7B3F
RGB	109, 123, 63
RGB Percent	43%, 48%, 25%
CMY	0.5725, 0.5176, 0.7529
CMYK	0.11, 0.00, 0.49, 0.52
HSL	74°, 32%, 36%
HSV	74°, 49%, 48%
XYZ	14.2868, 17.7760, 7.3807
YIQ	111.9740, 10.9160, -21.6280

Conversions

Conversions Part 2

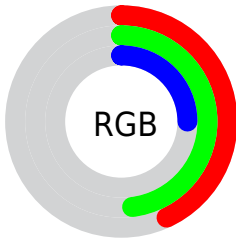
Format	Color
RYB	63, 123, 77
Decimal	7174975
CIELab	49.22, -15.29, 30.91
CIELCh	49, 34.480, 116.315
Yxy	17.7760, 0.3622, 0.4507
Android (android.graphics.Color)	4285365055 (0xFF6D7B3F)
YUV	111.9740, -24.1442, -2.6082
Hunter-Lab	42.1616, -13.2965, 19.1339

Details

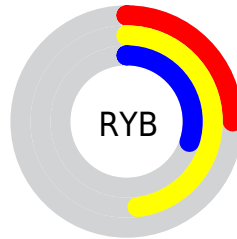
The Hex color **6D7B3F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4D3F7B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A2AF70**, and **3C4A10** is the 20% darker color. If you saturate the color by 10%, you get **6A7B33**, and if you desaturate by 10%, it is **707B4B**.

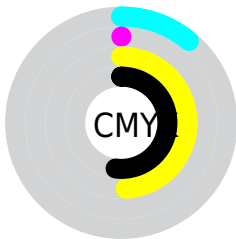
Distribution



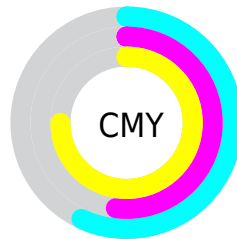
- Red (43%)
- Green (48%)
- Blue (25%)



- Red (25%)
- Yellow (48%)
- Blue (30%)



- Cyan (11%)
- Magenta (0%)
- Yellow (49%)
- Black (52%)



- Cyan (57%)
- Magenta (52%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7B3F 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 6D7B3F by changing the saturation by 10% instead.



6D7B3F



6D7B3F

FFFFFF



546228



A2AF70



3C4A10



BDCB8A



253400



D9E7A5



0C1F00



F6FFC0



000000



FFFFDC



FFFFF9



6D7B3F



6D7B3F



6A7B33



707B4B

677B26

737B58

647B1A

767B64

627B0E

787B70

5F7B02

7B7B7D

5E7B00

7E7B89

817B95

847BA1

877BAE

Harmonies

Analogous

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



8A723A



6D7B3F



4A8153

Triad

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



6D7B3F



0080A5



A95D7A

Complementary

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



6D7B3F



4D3F7B

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.



966496



6D7B3F



3D79AF

Square

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



6D7B3F



00848E



726FA9



AC5F5D

Rectangle

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



6D7B3F



2B8366



726FA9



A55F84

Sweetspot

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



6D7B3F



9BA189



7B4D3F



4E5243



D1D1D1



525252

Same Dimension

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



6D7B3F



8BA142



4F7B3F



3C3D37



607D00



C2FC00

Inverse Universe

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



4D3F7B



5842A1



6B3F7B



39373D



1D007D



3B00FC

Previews

White Background



This preview shows how the Hex color 6D7B3F looks on a white background.

Color Contrast Check

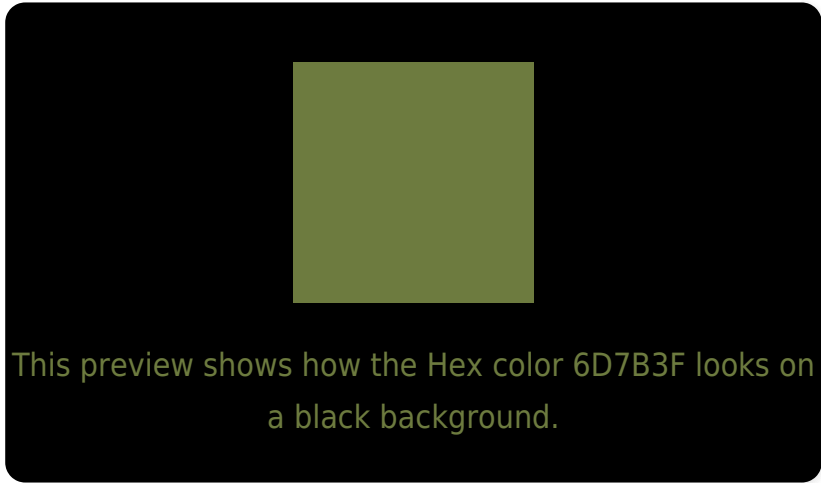
Large Text (above 18pt) WCAG AA ✓ Pass

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

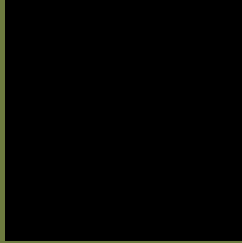
Any Text WCAG AA ✓ Pass

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 6D7B3F Background



This preview shows how black text looks on a background with the Hex color 6D7B3F.



This preview shows how white text looks on a background with the Hex color 6D7B3F.

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
6D7B3F

Protanopia
81753D

Deuteranopia
8E6F42



Tritanopia
75747D

Trichromacy



Original Color
6D7B3F

Protanomaly
7A773E

Deuteranomaly
827341

Tritanomaly
727766

Monochromacy



Original Color
6D7B3F

Achromatopsia
707070

Achromatomaly
6F745E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7B3F 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 #6D7B3F looks like.

```
.text, #text, p{  
    color:#6D7B3F  
}
```

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 #6D7B3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7B3F
}
```

Border

The CSS property to change the border of an element to Hex 6D7B3F 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
#6D7B3F }
```

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

```
.border{ border-color:#6D7B3F }
```

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

Here you see how a box with a 4 pixel #6D7B3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7B3F; -webkit-box-shadow:4px 4px  
4px 4px #6D7B3F; box-shadow:4px 4px 4px  
4px #6D7B3F }
```

Background

The CSS property to change the background color of an element to Hex 6D7B3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7B3F }
```

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

```
.background{ background-color:#6D7B3F }
```

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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