

Converting Colors

Hex(6D7851)

Have a look what the booklet for
Hex(6D7851) contains.

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Color

Hex(6D7851)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 6D7851 |
| RGB | 109, 120, 81 |
| RGB Percent | 43%, 47%, 32% |
| CMY | 0.5725, 0.5294, 0.6824 |
| CMYK | 0.09, 0.00, 0.33, 0.53 |
| HSL | 77°, 19%, 39% |
| HSV | 77°, 32%, 47% |
| XYZ | 14.5083, 17.2782, 10.3549 |
| YIQ | 112.2650, 5.9630, -14.4610 |

Conversions

Conversions Part 2

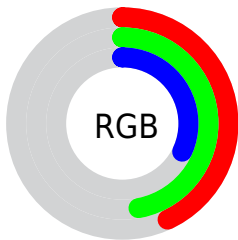
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 81, 120, 92 |
| Decimal | 7174225 |
| CIE Lab | 48.61, -11.27, 20.10 |
| CIE LCh | 49, 23.047, 119.273 |
| Yxy | 17.2782, 0.3443, 0.4100 |
| Android (android.graphics.Color) | 4285364305 (0xFF6D7851) |
| YUV | 112.2650, -15.4136, -2.8634 |
| Hunter-Lab | 41.5671, -10.4398, 14.3270 |

Details

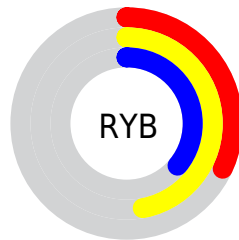
The Hex color **6D7851** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5C5178**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A1AC83**, and **3D4824** is the 20% darker color. If you saturate the color by 10%, you get **6A7845**, and if you desaturate by 10%, it is **70785D**.

Distribution



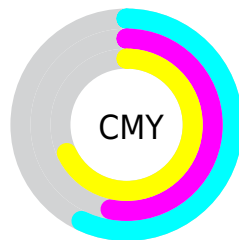
- Red (43%)
- Green (47%)
- Blue (32%)



- Red (32%)
- Yellow (47%)
- Blue (36%)



- Cyan (9%)
- Magenta (0%)
- Yellow (33%)
- Black (53%)



- Cyan (57%)
- Magenta (53%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7851 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 6D7851 by changing the saturation by 10% instead.



6D7851



6D7851

FFFFFF



545F3A



A1AC83



3D4824



BCC89D



26310E



D8E4B8



111C00



F5FFD4



000000



FFFFFF0



6D7851



6D7851



6A7845



70785D



667839



747869

■ 63782D

■ 777875

■ 5F7821

■ 7B7881

■ 5C7815

■ 7E788D

■ 597809

■ 817899

■ 567800

■ 8578A5

■ 8878B1

■ 8B78BD

Harmonies

Analogous

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



82724C



6D7851



567C5F

Triad

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



6D7851



3E7B94



986575

Complementary

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



6D7851



5C5178

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.



8C6888



6D7851



59759A

Square

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



6D7851



347E86



766F95



9A6661

Rectangle

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



6D7851



477E6C



766F95



95667B

Sweetspot

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



6D7851



979C8C



785B51



4C4F46



CFCFCF



4F4F4F

Same Dimension

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



6D7851



8A9C5F



5A7851



3B3D37



5A7D00



B5FC00

Inverse Universe

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



5C5178



705F9C



6F5178



39373D



23007D



4700FC

Previews

White Background



This preview shows how the Hex color 6D7851 looks on a white background.

Color Contrast Check

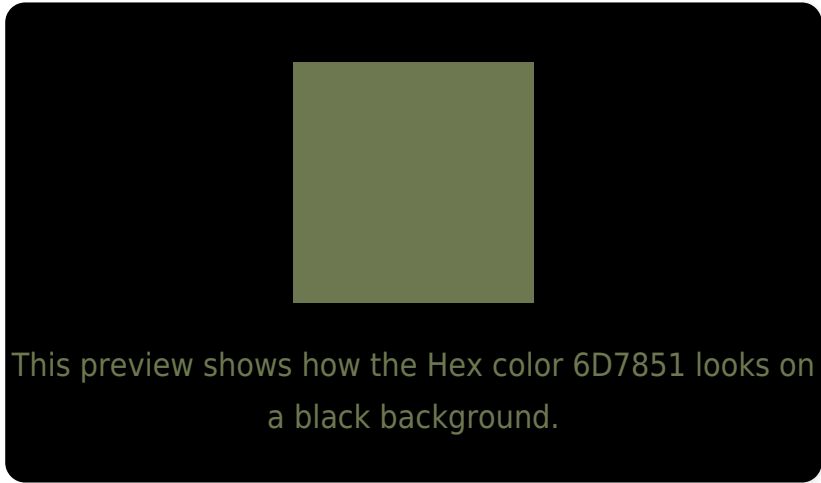
Large Text (above 18pt) WCAG AA ✓ Pass

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

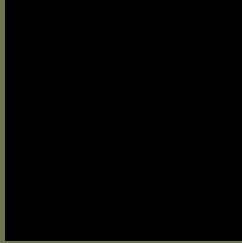
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

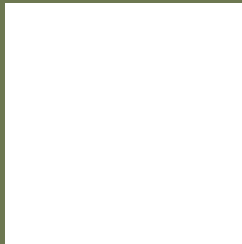
Any Text WCAG AAA × Fail

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

Hex 6D7851 Background



This preview shows how black text looks on a background with the Hex color 6D7851.



This preview shows how white text looks on a background with the Hex color 6D7851.

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
6D7851

Protanopia
7D734F

Deuteranopia
896E53



Tritanopia
73737C

Trichromacy



Original Color
6D7851

Protanomaly
777550

Deuteranomaly
7F7252

Tritanomaly
71756C

Monochromacy



Original Color
6D7851

Achromatopsia
707070

Achromatomaly
6F7365

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7851 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 #6D7851 looks like.

```
.text, #text, p{  
    color:#6D7851  
}
```

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 #6D7851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7851
}
```

Border

The CSS property to change the border of an element to Hex 6D7851 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
#6D7851 }
```

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

```
.border{ border-color:#6D7851 }
```

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

Here you see how a box with a 4 pixel #6D7851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7851; -webkit-box-shadow:4px 4px  
4px 4px #6D7851; box-shadow:4px 4px 4px  
4px #6D7851 }
```

Background

The CSS property to change the background color of an element to Hex 6D7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7851 }
```

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

```
.background{ background-color:#6D7851 }
```

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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