

Converting Colors

Hex(6D7855)

Have a look what the booklet for
Hex(6D7855) contains.

Hex(6D7855)	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(6D7855)

Conversions

Conversions Part 1

Format	Color
Hex	6D7855
RGB	109, 120, 85
RGB Percent	43%, 47%, 33%
CMY	0.5725, 0.5294, 0.6667
CMYK	0.09, 0.00, 0.29, 0.53
HSL	79°, 17%, 40%
HSV	79°, 29%, 47%
XYZ	14.6628, 17.3400, 11.1685
YIQ	112.7210, 4.6790, -13.2170

Conversions

Conversions Part 2

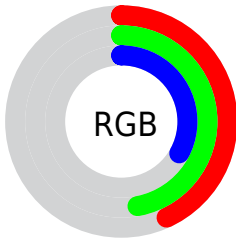
Format	Color
RYB	85, 120, 96
Decimal	7174229
CIELab	48.69, -10.66, 17.91
CIELCh	49, 20.837, 120.757
Yxy	17.3400, 0.3396, 0.4017
Android (android.graphics.Color)	4285364309 (0xFF6D7855)
YUV	112.7210, -13.6665, -3.2633
Hunter-Lab	41.6414, -10.0186, 13.2470

Details

The Hex color **6D7855** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **605578**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A1AC87**, and **3D4827** is the 20% darker color. If you saturate the color by 10%, you get **697849**, and if you desaturate by 10%, it is **717861**.

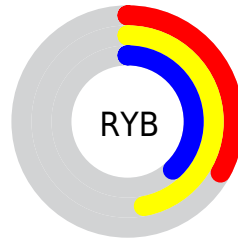
Distribution



Red (43%)

Green (47%)

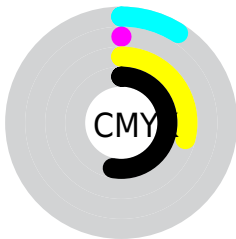
Blue (33%)



Red (33%)

Yellow (47%)

Blue (38%)

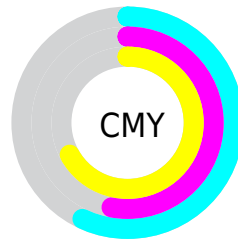


Cyan (9%)

Magenta (0%)

Yellow (29%)

Black (53%)



Cyan (57%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7855 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 6D7855 by changing the saturation by 10% instead.



6D7855



6D7855

FFFFFF



545F3E



A1AC87



3D4827



BCC8A1



273112



D8E4BC



131C00



F4FFD8



000000



FFFFF5



6D7855



6D7855



697849



717861



65783D



75786D

■ 627831

■ 787879

■ 5E7825

■ 7C7885

■ 5A7819

■ 807891

■ 56780D

■ 84789D

■ 537801

■ 8778A9

■ 527800

■ 8B78B5

■ 8F78C1

Harmonies

Analogous

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



807350



6D7855



597C62

Triad

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



6D7855



477A92



966774

Complementary

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



6D7855



605578

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.



8B6985



6D7855



5E7597

Square

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



6D7855



3D7D85



776F92



976862

Rectangle

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



6D7855



4C7D6D



776F92



93677A

Sweetspot

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



6D7855



979C8E



786055



4C4F46



CFCFCF



4F4F4F

Same Dimension

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



6D7855



8A9C65



5C7855



3B3D37



567D00



ADFC00

Inverse Universe

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



605578



76659C



715578



39373D



27007D



4F00FC

Previews

White Background



This preview shows how the Hex color 6D7855 looks on a white background.

Color Contrast Check

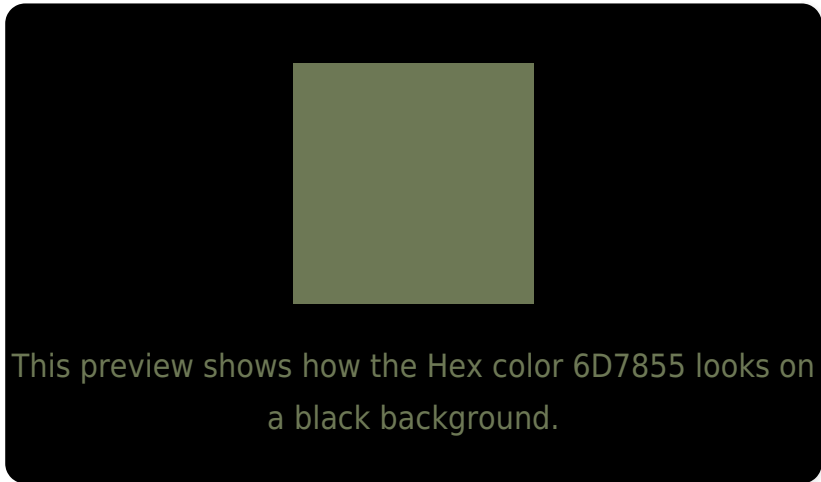
Large Text (above 18pt) WCAG AA ✓ Pass

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

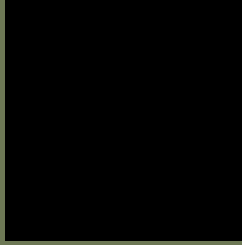
Any Text WCAG AA × Fail

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 6D7855 Background



This preview shows how black text looks on a background with the Hex color 6D7855.



This preview shows how white text looks on a background with the Hex color 6D7855.

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
6D7855

Protanopia
7C7353

Deuteranopia
886F57

Trichromacy



Original Color
6D7855

Protanomaly
777554

Deuteranomaly
7E7256

Tritanomaly
70756E

Monochromacy



Original Color
6D7855

Achromatopsia
717171

Achromatomaly
707467

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7855 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 #6D7855 looks like.

```
.text, #text, p{  
    color:#6D7855  
}
```

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 #6D7855 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7855
}
```

Border

The CSS property to change the border of an element to Hex 6D7855 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
#6D7855 }
```

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

```
.border{ border-color:#6D7855 }
```

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

Here you see how a box with a 4 pixel #6D7855 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7855; -webkit-box-shadow:4px 4px  
4px 4px #6D7855; box-shadow:4px 4px 4px  
4px #6D7855 }
```

Background

The CSS property to change the background color of an element to Hex 6D7855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7855 }
```

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

```
.background{ background-color:#6D7855 }
```

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