

Converting Colors

Hex(6B7853)

Have a look what the booklet for
Hex(6B7853) contains.

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Color

Hex(6B7853)

Conversions

Conversions Part 1

Format	Color
Hex	6B7853
RGB	107, 120, 83
RGB Percent	42%, 47%, 33%
CMY	0.5804, 0.5294, 0.6745
CMYK	0.11, 0.00, 0.31, 0.53
HSL	81°, 18%, 40%
HSV	81°, 31%, 47%
XYZ	14.3412, 17.1833, 10.7445
YIQ	111.8950, 4.1290, -14.2630

Conversions

Conversions Part 2

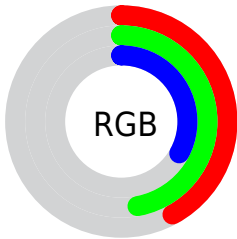
Format	Color
RYB	83, 120, 96
Decimal	7043155
CIELab	48.49, -11.79, 18.77
CIElCh	48, 22.164, 122.132
Yxy	17.1833, 0.3393, 0.4065
Android (android.graphics.Color)	4285233235 (0xFF6B7853)
YUV	111.8950, -14.2452, -4.2929
Hunter-Lab	41.4527, -10.7874, 13.6491

Details

The Hex color **6B7853** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **605378**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9FAC85**, and **3B4826** is the 20% darker color. If you saturate the color by 10%, you get **677847**, and if you desaturate by 10%, it is **6F785F**.

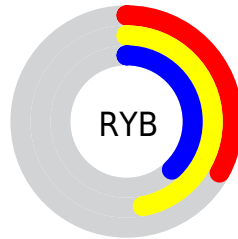
Distribution



Red (42%)

Green (47%)

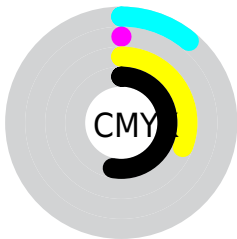
Blue (33%)



Red (33%)

Yellow (47%)

Blue (38%)

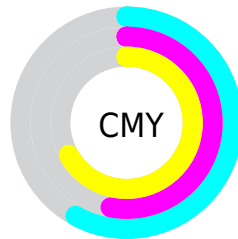


Cyan (11%)

Magenta (0%)

Yellow (31%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7853 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 6B7853 by changing the saturation by 10% instead.



6B7853



6B7853

FFFFFFF



525F3C



9FAC85



3B4826



BAC89F



253111



D6E4BA



101C00



F2FFD6



000000



FFFFFF2



6B7853



6B7853



677847



6F785F



63783B



73786B

■ 5E782F

■ 787877

■ 5A7823

■ 7C7883

■ 567817

■ 80788F

■ 52780B

■ 84789B

■ 4E7800

■ 8978A7

■ 8D78B3

■ 9178BF

Harmonies

Analogous

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



7F724E



6B7853



557C61

Triad

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



6B7853



437A94



976572

Complementary

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



6B7853



605378

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.



8C6885



6B7853



5D7498

Square

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



6B7853



377D86



786E93



986760

Rectangle

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



6B7853



477D6D



786E93



956679

Sweetspot

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



6B7853



979C8E



786053



4C4F46



CFCFCF



4F4F4F

Same Dimension

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



6B7853



879C62



597853



3B3D37



517D00



A4FC00

Inverse Universe

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



605378



76629C



725378



39373D



2C007D



5900FC

Previews

White Background



This preview shows how the Hex color 6B7853 looks on a white background.

Color Contrast Check

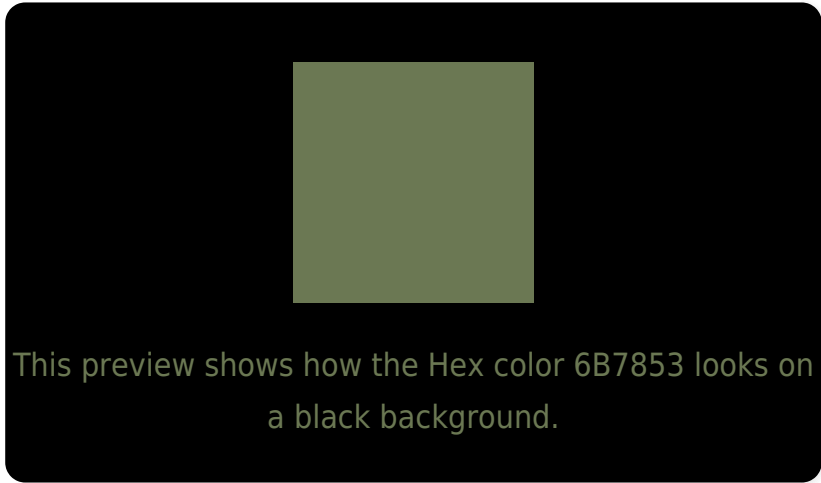
Large Text (above 18pt) WCAG AA ✓ Pass

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

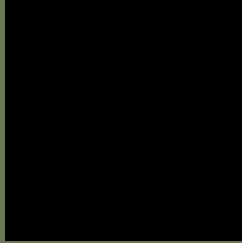
Any Text WCAG AA × Fail

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 6B7853 Background



This preview shows how black text looks on a background with the Hex color 6B7853.



This preview shows how white text looks on a background with the Hex color 6B7853.

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
6B7853

Protanopia
7C7351

Deuteranopia
886E55



Tritanopia
71737C

Trichromacy



Original Color
6B7853

Protanomaly
767552

Deuteranomaly
7D7254

Tritanomaly
6F756D

Monochromacy



Original Color
6B7853

Achromatopsia
707070

Achromatomaly
6E7365

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7853 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 #6B7853 looks like.

```
.text, #text, p{  
    color:#6B7853  
}
```

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 #6B7853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7853
}
```

Border

The CSS property to change the border of an element to Hex 6B7853 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
#6B7853 }
```

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

```
.border{ border-color:#6B7853 }
```

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

Here you see how a box with a 4 pixel #6B7853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7853; -webkit-box-shadow:4px 4px  
4px 4px #6B7853; box-shadow:4px 4px 4px  
4px #6B7853 }
```

Background

The CSS property to change the background color of an element to Hex 6B7853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7853 }
```

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

```
.background{ background-color:#6B7853 }
```

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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