

# Converting Colors

Hex(6B7751)

Have a look what the booklet for  
Hex(6B7751) contains.

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# Color

**Hex(6B7751)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B7751
RGB	107, 119, 81
RGB Percent	42%, 47%, 32%
CMY	0.5804, 0.5333, 0.6824
CMYK	0.10, 0.00, 0.32, 0.53
HSL	79°, 19%, 39%
HSV	79°, 32%, 47%
XYZ	14.1454, 16.9135, 10.3037
YIQ	111.0800, 5.0460, -14.3620

# Conversions

## Conversions Part 2

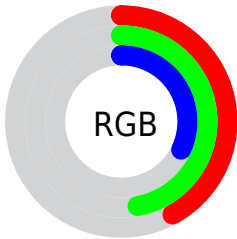
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 119, 93
Decimal	7042897
CIELab	48.15, -11.54, 19.47
CIElCh	48, 22.631, 120.668
Yxy	16.9135, 0.3420, 0.4089
Android (android.graphics.Color)	4285232977 (0xFF6B7751)
YUV	111.0800, -14.8294, -3.5782
Hunter-Lab	41.1261, -10.5750, 13.9338

# Details

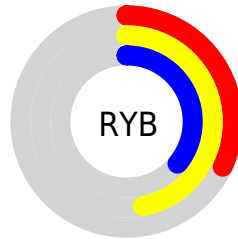
The Hex color **6B7751** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5D5177**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9FAB83**, and **3B4724** is the 20% darker color. If you saturate the color by 10%, you get **677745**, and if you desaturate by 10%, it is **6F775D**.

# Distribution



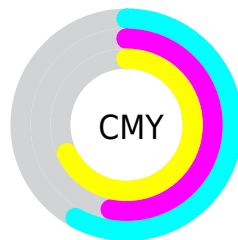
- Red (42%)
- Green (47%)
- Blue (32%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (32%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B7751 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 6B7751 by changing the saturation by 10% instead.





6B7751



6B7751

FFFFFF



525E3A



9FAB83



3B4724



BAC69D



25300F



D6E3B8



0F1C00



F2FFD4



000000



FFFFFF0



6B7751



6B7751



677745



6F775D



637739



737769

■ 60772D

■ 767775

■ 5C7721

■ 7A7781

■ 587716

■ 7E778C

■ 54770A

■ 827798

■ 517700

■ 8577A4

■ 8977B0

■ 8D77BC

# Harmonies

## Analogous

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



7F714C



6B7751



557B5F

# Triad

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



6B7751



407993



976473

# Complementary

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



6B7751



5D5177

# 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.



8B6785



6B7751



5A7498

# Square

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



6B7751



347C85



766D93



986660

# Rectangle

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



6B7751



467C6B



766D93



946579



# Sweetspot

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



6B7751



979C8C



775C51



4C4F46



CFCFCF



4F4F4F



# Same Dimension

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



6B7751



899C60



597751



393B35



547A00



ABFA00



# Inverse Universe

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



5D5177



73609C



6F5177



37353B



27007A



4F00FA



# Previews

## White Background



This preview shows how the Hex color 6B7751 looks on a white background.

## Color Contrast Check

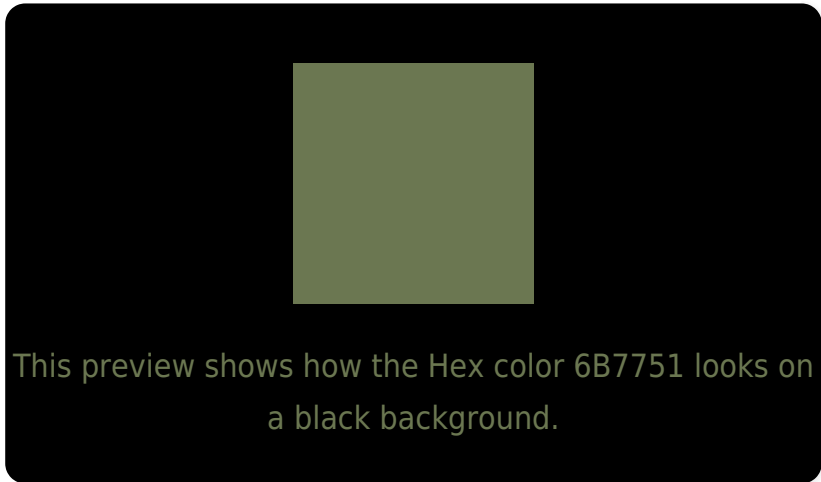
Large Text (above 18pt) WCAG AA ✓ Pass

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

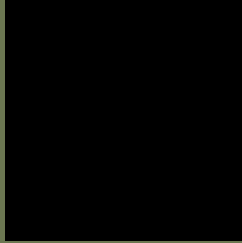
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B7751 Background



This preview shows how black text looks on a background with the Hex color 6B7751.



This preview shows how white text looks on a background with the Hex color 6B7751.

# 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**  
6B7751

**Protanopia**  
7B724F

**Deuteranopia**  
876D53



**Tritanopia**  
71727B

# Trichromacy



**Original Color**  
6B7751

**Protanomaly**  
757450

**Deuteranomaly**  
7D7152

**Tritanomaly**  
6F746C

# Monochromacy



**Original Color**  
6B7751

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
6E7264

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B7751 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 #6B7751 looks like.

```
.text, #text, p{  
    color:#6B7751  
}
```

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 #6B7751 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7751
}
```

## Border

The CSS property to change the border of an element to Hex 6B7751 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
#6B7751 }
```

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

```
.border{ border-color:#6B7751 }
```

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

Here you see how a box with a 4 pixel #6B7751 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7751; -webkit-box-shadow:4px 4px  
4px 4px #6B7751; box-shadow:4px 4px 4px  
4px #6B7751 }
```

# Background

The CSS property to change the background color of an element to Hex 6B7751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7751 }
```

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

```
.background{ background-color:#6B7751 }
```

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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