

# Converting Colors

Hex(6B755E)

Have a look what the booklet for  
Hex(6B755E) contains.

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# Color

Hex(6B755E)

# Conversions

## Conversions Part 1

Format	Color
Hex	6B755E
RGB	107, 117, 94
RGB Percent	42%, 46%, 37%
CMY	0.5804, 0.5412, 0.6314
CMYK	0.09, 0.00, 0.20, 0.54
HSL	86°, 11%, 41%
HSV	86°, 20%, 46%
XYZ	14.4451, 16.6565, 13.0434
YIQ	111.3880, 1.4230, -9.2730

# Conversions

## Conversions Part 2

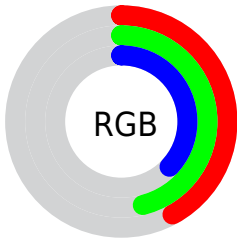
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 117, 104
Decimal	7042398
CIE Lab	47.82, -8.28, 11.45
CIE LCh	48, 14.129, 125.863
Yxy	16.6565, 0.3272, 0.3773
Android (android.graphics.Color)	4285232478 (0xFF6B755E)
<b>YUV</b>	111.3880, -8.5723, -3.8483
Hunter-Lab	40.8124, -8.2437, 9.6200

# Details

The Hex color **6B755E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **685E75**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9EA990**, and **3B4530** is the 20% darker color. If you saturate the color by 10%, you get **667552**, and if you desaturate by 10%, it is **70756A**.

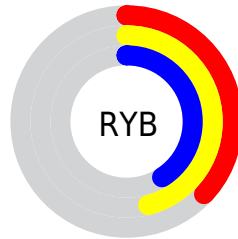
# Distribution



Red (42%)

Green (46%)

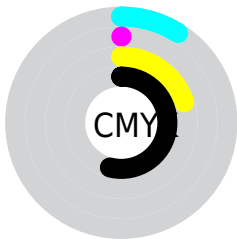
Blue (37%)



Red (37%)

Yellow (46%)

Blue (41%)

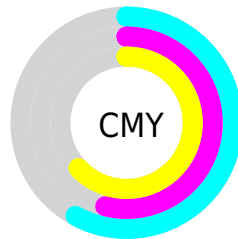


Cyan (9%)

Magenta (0%)

Yellow (20%)

Black (54%)



Cyan (58%)

Magenta (54%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B755E 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 6B755E by changing the saturation by 10% instead.



6B755E

6B755E

FFFFFF

535C46

9EA990

3B4530

B9C4AB

262F1B

D5E0C6

121A00

F2FDE2

000000

6B755E

6B755E

667552

70756A

617547

757575

5C753B

7A7581

■ 57752F

■ 7F758D

■ 527524

■ 847599

■ 4C7518

■ 8A75A4

■ 47750C

■ 8F75B0

■ 427500

■ 9475BC

■ 9975C7

# Harmonies

## Analogous

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



78715A



6B755E



5E7767

# Triad

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



6B755E



597587



8A6970

# Complementary

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



6B755E



685E75

# 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.



836A7B



6B755E



677289

# Square

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



6B755E



51787F



776E85



8A6A64

# Rectangle

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



6B755E



57786F



776E85



886974



# Sweetspot

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



6B755E



959990



75685E



4A4D47



CCCCCC



4D4D4D



# Same Dimension

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



6B755E



899974



60755E



383B35



457A00



8DFA00



# Inverse Universe

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



685E75



847499



735E75



37353B



35007A



6D00FA



# Previews

## White Background



This preview shows how the Hex color 6B755E looks on a white background.

## Color Contrast Check

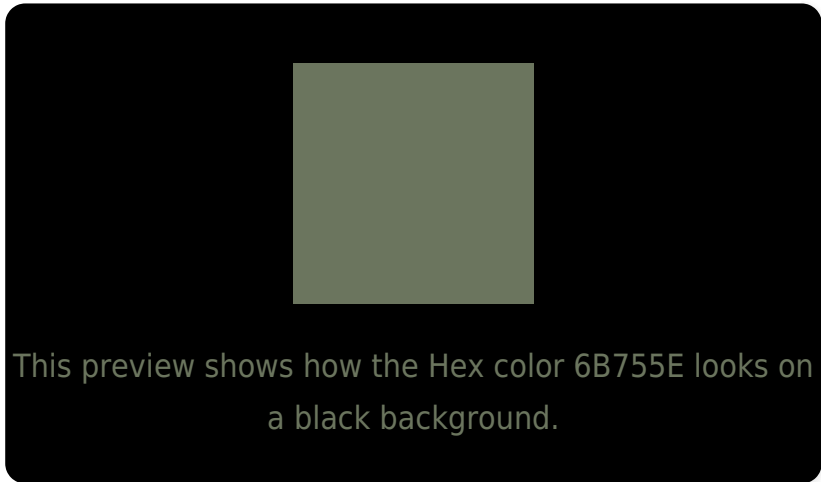
Large Text (above 18pt) WCAG AA ✓ Pass

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

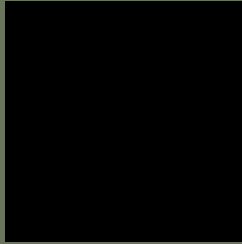
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

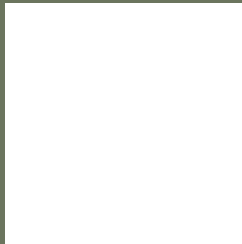
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B755E Background



This preview shows how black text looks on a background with the Hex color 6B755E.



This preview shows how white text looks on a background with the Hex color 6B755E.

# 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**  
6B755E

**Protanopia**  
78715C

**Deuteranopia**  
836D60



**Tritanopia**  
6F717A

# Trichromacy



**Original Color**  
6B755E

**Protanomaly**  
73725D

**Deuteranomaly**  
7A705F

**Tritanomaly**  
6E7270

# Monochromacy



**Original Color**  
6B755E

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
6E7169

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B755E 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 #6B755E looks like.

```
.text, #text, p{  
    color:#6B755E  
}
```

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 #6B755E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B755E
}
```

## Border

The CSS property to change the border of an element to Hex 6B755E is called "border". The border property can be set on classes, ids or directly on the HTML element.

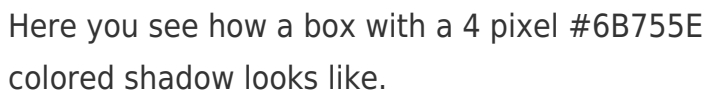
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B755E }
```

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

```
.border{ border-color:#6B755E }
```

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



Here you see how a box with a 4 pixel #6B755E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B755E; -webkit-box-shadow:4px 4px  
4px 4px #6B755E; box-shadow:4px 4px 4px  
4px #6B755E }
```

# Background

The CSS property to change the background color of an element to Hex 6B755E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B755E }
```

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

```
.background{ background-color:#6B755E }
```

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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