

# Converting Colors

Hex(6B7960)

Have a look what the booklet for  
Hex(6B7960) contains.

<b>Hex(6B7960)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(6B7960)

# Conversions

## Conversions Part 1

Format	Color
Hex	6B7960
RGB	107, 121, 96
RGB Percent	42%, 47%, 38%
CMY	0.5804, 0.5255, 0.6235
CMYK	0.12, 0.00, 0.21, 0.53
HSL	94°, 12%, 43%
HSV	94°, 21%, 47%
XYZ	15.0121, 17.6451, 13.6809
YIQ	113.9640, -0.3190, -10.7430

# Conversions

## Conversions Part 2

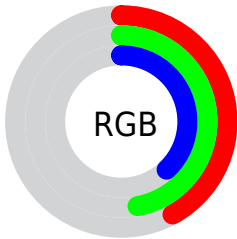
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 121, 110
Decimal	7043424
CIELab	49.06, -10.17, 12.00
CIELCh	49, 15.733, 130.267
Yxy	17.6451, 0.3240, 0.3808
Android (android.graphics.Color)	4285233504 (0xFF6B7960)
YUV	113.9640, -8.8563, -6.1074
Hunter-Lab	42.0060, -9.7183, 10.0941

# Details

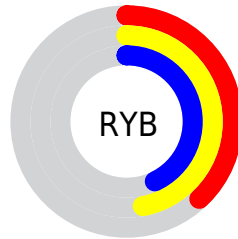
The Hex color **6B7960** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E6079**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **9FAD93**, and **3B4832** is the 20% darker color. If you saturate the color by 10%, you get **647954**, and if you desaturate by 10%, it is **72796C**.

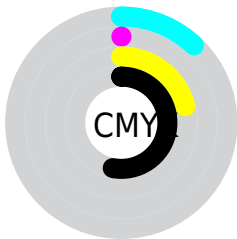
# Distribution



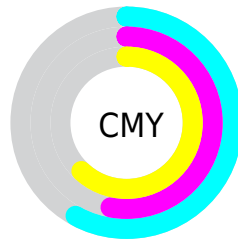
- Red (42%)
- Green (47%)
- Blue (38%)



- Red (38%)
- Yellow (47%)
- Blue (43%)



- Cyan (12%)
- Magenta (0%)
- Yellow (21%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B7960 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 6B7960 by changing the saturation by 10% instead.



6B7960

6B7960

FFFFFF

536048

9FAD93

3B4832

BAC9AD

25321C

D5E5C9

121D03

F2FFE5

000000

6B7960

6B7960

647954

72796C

5D7948

797978

57793C

7F7984

■ 507930

■ 867990

■ 497923

■ 8D799C

■ 427917

■ 9479A9

■ 3C790B

■ 9A79B5

■ 357900

■ A179C1

■ A879CD

# Harmonies

## Analogous

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



7A755A



6B7960



5C7B6B

# Triad

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



6B7960



5A788D



906B70

# Complementary

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



6B7960



6E6079

# 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.



8A6C7E



6B7960



6B748F

# Square

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



6B7960



507B85



7D7089



8F6D64

# Rectangle

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



6B7960



557C74



7D7089



8F6B75



# Sweetspot

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



6B7960



999E95



796E60



4C4F4A



CFCFCF



4F4F4F



# Same Dimension

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



6B7960



889E77



607961



3A3D37



377D00



6FFC00



# Inverse Universe

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



6E6079



8D779E



796078



3B373D



46007D



8D00FC



# Previews

## White Background



This preview shows how the Hex color 6B7960 looks on a white background.

## Color Contrast Check

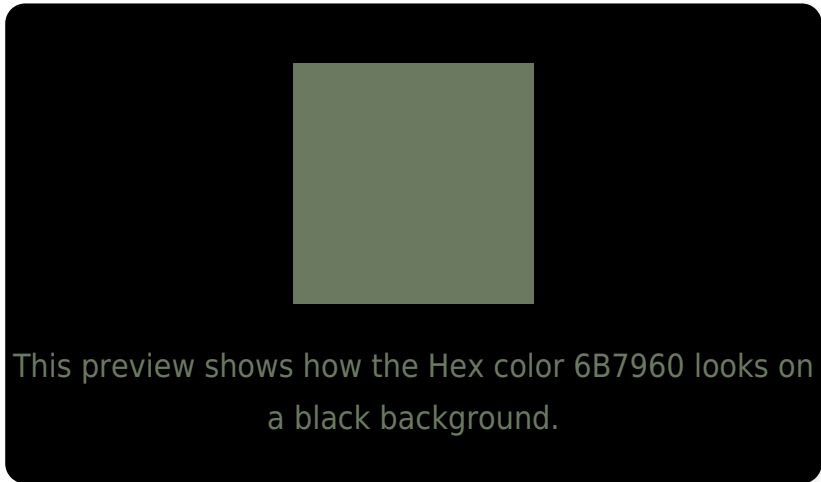
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

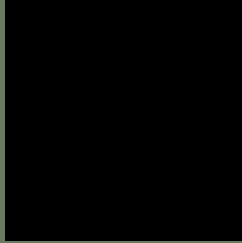
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6B7960 Background



This preview shows how black text looks on a background with the Hex color 6B7960.



This preview shows how white text looks on a background with the Hex color 6B7960.

# 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**  
6B7960

**Protanopia**  
7B745E

**Deuteranopia**  
867062



**Tritanopia**  
70757E

# Trichromacy



**Original Color**  
6B7960

**Protanomaly**  
75765F

**Deuteranomaly**  
7C7361

**Tritanomaly**  
6E7673

# Monochromacy



**Original Color**  
6B7960

**Achromatopsia**  
727272

**Achromatomaly**  
6F756B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B7960 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 #6B7960 looks like.

```
.text, #text, p{  
    color:#6B7960  
}
```

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 #6B7960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7960
}
```

## Border

The CSS property to change the border of an element to Hex 6B7960 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".

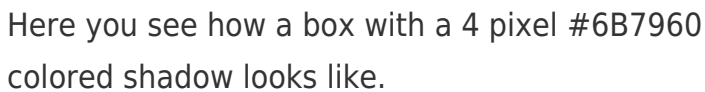
```
.border, #border, table{ border:4px solid
#6B7960 }
```

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

```
.border{ border-color:#6B7960 }
```

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

Here you see how a box with a 4 pixel #6B7960 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7960; -webkit-box-shadow:4px 4px  
4px 4px #6B7960; box-shadow:4px 4px 4px  
4px #6B7960 }
```

# Background

The CSS property to change the background color of an element to Hex 6B7960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7960 }
```

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

```
.background{ background-color:#6B7960 }
```

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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