

# Converting Colors

Hex(6B8B52)

Have a look what the booklet for  
Hex(6B8B52) contains.

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# Color

Hex(6B8B52)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B8B52
RGB	107, 139, 82
RGB Percent	42%, 55%, 32%
CMY	0.5804, 0.4549, 0.6784
CMYK	0.23, 0.00, 0.41, 0.45
HSL	94°, 26%, 43%
HSV	94°, 41%, 55%
XYZ	16.8190, 22.2002, 11.3813
YIQ	122.9340, -0.7750, -24.5110

# Conversions

## Conversions Part 2

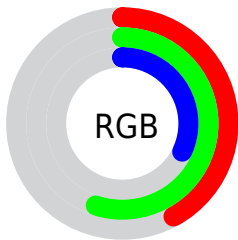
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 139, 114
Decimal	7048018
CIE <sub>Lab</sub>	54.24, -22.04, 26.89
CIE <sub>LCh</sub>	54, 34.770, 129.345
Yxy	22.2002, 0.3337, 0.4405
Android (android.graphics.Color)	4285238098 (0xFF6B8B52)
YUV	122.9340, -20.1805, -13.9741
Hunter-Lab	47.1171, -18.7373, 18.6603

# Details

The Hex color **6B8B52** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **72528B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9FC184**, and **3A5923** is the 20% darker color. If you saturate the color by 10%, you get **638B44**, and if you desaturate by 10%, it is **738B60**.

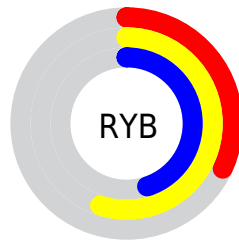
# Distribution



Red (42%)

Green (55%)

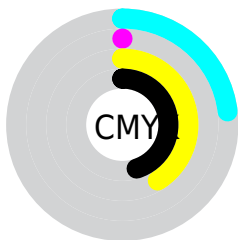
Blue (32%)



Red (32%)

Yellow (55%)

Blue (45%)

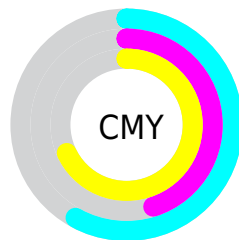


Cyan (23%)

Magenta (0%)

Yellow (41%)

Black (45%)



Cyan (58%)

Magenta (45%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B8B52 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 6B8B52 by changing the saturation by 10% instead.



■ 6B8B52

■ 6B8B52

FFFFFF

■ 52713A

■ 9FC184

■ 3A5923

■ BBDD9F

■ 22410D

■ D7F9BA

■ 0D2B00

■ F3FFD6

■ 001700

■ FFFFF2

■ 000000

■ 6B8B52

■ 6B8B52

■ 638B44

■ 738B60

■ 5B8B36

■ 7B8B6E

 548B28

 828B7C

 4C8B1A

 8A8B8A

 448B0D

 928B98

 3D8B00

 9A8BA5

 A28BB3

 A98BC1

 B18BCF

# Harmonies

## Analogous

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



8C8345



6B8B52



44906C

# Triad

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



6B8B52



238BB9



BB6A79

# Complementary

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



6B8B52



72528B

# 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.



AF6D98



6B8B52



6482BD

# Square

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



6B8B52



0090A7



9176B0



B76F5D

# Rectangle

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



6B8B52



1F9180



9176B0



B96A84



# Sweetspot

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



6B8B52



A9B59F



8B7152



555C4F



DBDBDB



5C5C5C



# Same Dimension

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



6B8B52



83B55C



528B55



41453E



3A8500



020500



# Inverse Universe

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



72528B



8E5CB5



8B5288



423E45



4A0085



030005



# Previews

## White Background



This preview shows how the Hex color 6B8B52 looks on a white background.

## Color Contrast Check

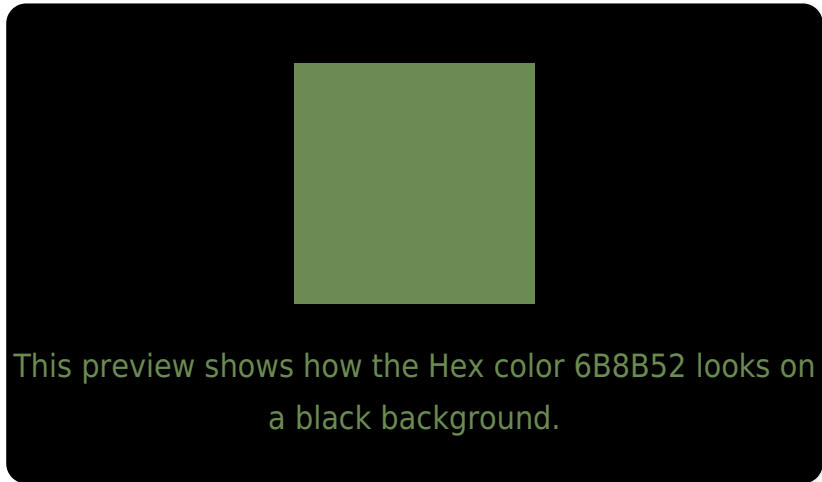
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 6B8B52 Background



This preview shows how black text looks on a background with the Hex color 6B8B52.



This preview shows how white text looks on a background with the Hex color 6B8B52.

# 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





**Tritanopia**  
74848E

# Trichromacy



**Original Color**  
6B8B52

**Protanomaly**  
81854F

**Deuteranomaly**  
8A8155

**Tritanomaly**  
718778

# Monochromacy



**Original Color**  
6B8B52

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
75816C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B8B52 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 #6B8B52 looks like.

```
.text, #text, p{  
    color:#6B8B52  
}
```

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 #6B8B52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8B52
}
```

## Border

The CSS property to change the border of an element to Hex 6B8B52 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
#6B8B52 }
```

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

```
.border{ border-color:#6B8B52 }
```

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

Here you see how a box with a 4 pixel #6B8B52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8B52; -webkit-box-shadow:4px 4px  
4px 4px #6B8B52; box-shadow:4px 4px 4px  
4px #6B8B52 }
```

# Background

The CSS property to change the background color of an element to Hex 6B8B52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8B52 }
```

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

```
.background{ background-color:#6B8B52 }
```

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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