

Converting Colors

Hex(6B6A48)

Have a look what the booklet for
Hex(6B6A48) contains.

Hex(6B6A48)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6B6A48)

Conversions

Conversions Part 1

Format	Color
Hex	6B6A48
RGB	107, 106, 72
RGB Percent	42%, 42%, 28%
CMY	0.5804, 0.5843, 0.7176
CMYK	0.00, 0.01, 0.33, 0.58
HSL	58°, 20%, 35%
HSV	58°, 33%, 42%
XYZ	12.3871, 13.9017, 8.1613
YIQ	102.4230, 11.5100, -10.3620

Conversions

Conversions Part 2

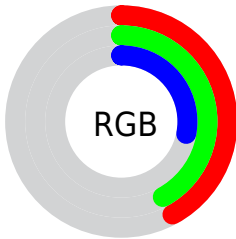
Format	Color
RYB	73, 107, 72
Decimal	7039560
CIELab	44.09, -5.51, 19.28
CIELCh	44, 20.053, 105.961
Yxy	13.9017, 0.3596, 0.4035
Android (android.graphics.Color)	4285229640 (0xFF6B6A48)
YUV	102.4230, -14.9985, 4.0140
Hunter-Lab	37.2850, -5.9461, 13.1215

Details

The Hex color **6B6A48** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **48496B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9F9D79**, and **3B3B1C** is the 20% darker color. If you saturate the color by 10%, you get **6B6A3D**, and if you desaturate by 10%, it is **6B6A53**.

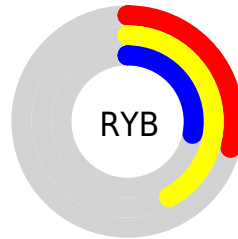
Distribution



Red (42%)

Green (42%)

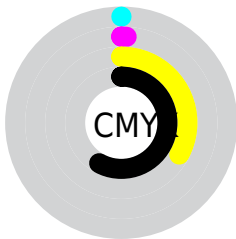
Blue (28%)



Red (29%)

Yellow (42%)

Blue (28%)

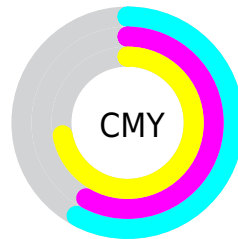


Cyan (0%)

Magenta (1%)

Yellow (33%)

Black (58%)



Cyan (58%)

Magenta (58%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B6A48 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 6B6A48 by changing the saturation by 10% instead.



6B6A48



6B6A48

FFFFFF



525231



9F9D79



3B3B1C



BAB893



252503



D6D4AD



091100



F2F0C9



000000



FFFFE5



6B6A48



6B6A48



6B6A3D



6B6A53



6B6933



6B6B5D

■ 6B6928

■ 6B6B68

■ 6B691D

■ 6B6B73

■ 6B6812

■ 6B6C7E

■ 6B6808

■ 6B6C88

■ 6B6800

■ 6B6C93

■ 6B6C9E

■ 6B6DA8

Harmonies

Analogous

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



7B6448



6B6A48



586E51

Triad

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



6B6A48



367080



845D71

Complementary

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



6B6A48



48496B

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.



76617F



6B6A48



486C88

Square

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



6B6A48



377171



606788



8A5C60

Rectangle

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



6B6A48



4B705A



606788



805E76

Sweetspot

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



6B6A48



8C8C7E



6B4849



47473F



C7C7C7



474747

Same Dimension

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



6B6A48



8C8B56



5B6B48



363530



757200



F5EE00

Inverse Universe

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



48496B



56578C



58486B



303036



000375



0007F5

Previews

White Background



This preview shows how the Hex color 6B6A48 looks on a white background.

Color Contrast Check

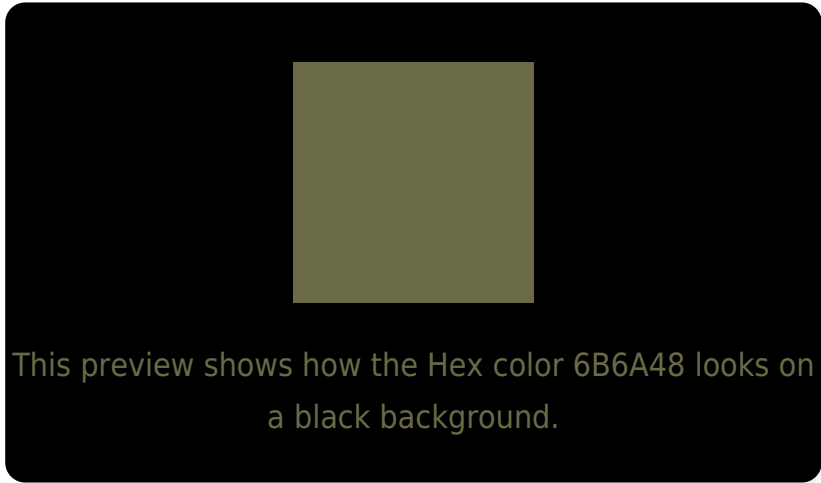
Large Text (above 18pt) WCAG AA ✓ Pass

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

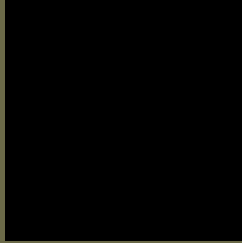
Any Text WCAG AA × Fail

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 6B6A48 Background



This preview shows how black text looks on a background with the Hex color 6B6A48.



This preview shows how white text looks on a background with the Hex color 6B6A48.

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](#).

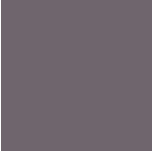
Dichromacy



Original Color
6B6A48

Protanopia
716847

Deuteranopia
7C6449



Tritanopia
6F656D

Trichromacy



Original Color
6B6A48

Protanomaly
6F6947

Deuteranomaly
766649

Tritanomaly
6E6760

Monochromacy



Original Color
6B6A48

Achromatopsia
666666

Achromatomaly
68675B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B6A48 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 #6B6A48 looks like.

```
.text, #text, p{  
    color:#6B6A48  
}
```

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 #6B6A48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6A48
}
```

Border

The CSS property to change the border of an element to Hex 6B6A48 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
#6B6A48 }
```

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

```
.border{ border-color:#6B6A48 }
```

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

Here you see how a box with a 4 pixel #6B6A48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6A48; -webkit-box-shadow:4px 4px  
4px 4px #6B6A48; box-shadow:4px 4px 4px  
4px #6B6A48 }
```

Background

The CSS property to change the background color of an element to Hex 6B6A48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6A48 }
```

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

```
.background{ background-color:#6B6A48 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor