

# Converting Colors

Hex(6B6D49)

Have a look what the booklet for  
Hex(6B6D49) contains.

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**Color**

**Hex(6B6D49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B6D49
RGB	107, 109, 73
RGB Percent	42%, 43%, 29%
CMY	0.5804, 0.5725, 0.7137
CMYK	0.02, 0.00, 0.33, 0.57
HSL	63°, 20%, 36%
HSV	63°, 33%, 43%
XYZ	12.7346, 14.5441, 8.4394
YIQ	104.2980, 10.3640, -11.6200

# Conversions

## Conversions Part 2

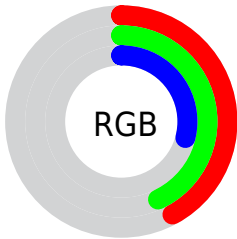
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 109, 75
Decimal	7040329
CIELab	45.00, -7.10, 19.90
CIELCh	45, 21.131, 109.619
Yxy	14.5441, 0.3565, 0.4072
Android (android.graphics.Color)	4285230409 (0xFF6B6D49)
YUV	104.2980, -15.4299, 2.3697
Hunter-Lab	38.1368, -7.1345, 13.5752

# Details

The Hex color **6B6D49** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B496D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9FA07A**, and **3B3E1C** is the 20% darker color. If you saturate the color by 10%, you get **6A6D3E**, and if you desaturate by 10%, it is **6C6D54**.

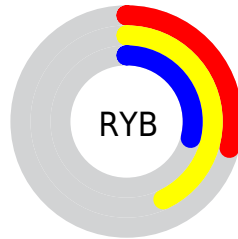
# Distribution



Red (42%)

Green (43%)

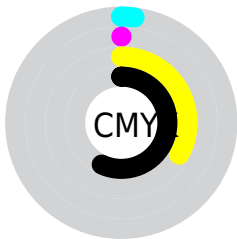
Blue (29%)



Red (29%)

Yellow (43%)

Blue (29%)

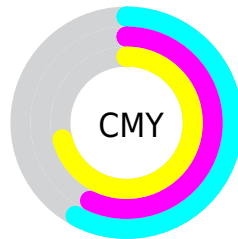


Cyan (2%)

Magenta (0%)

Yellow (33%)

Black (57%)



Cyan (58%)

Magenta (57%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B6D49 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 6B6D49 by changing the saturation by 10% instead.





6B6D49



6B6D49

FFFFFF



525532



9FA07A



3B3E1C



BABB94



252805



D6D7AF



0A1400



F2F4CA



000000



FFFFE6



6B6D49



6B6D49



6A6D3E



6C6D54



6A6D33



6C6D5F

696D28

6D6D6A

696D1D

6D6D75

686D12

6E6D7F

676D08

6F6D8A

676D00

6F6D95

706DA0

706DAB

# Harmonies

## Analogous

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



7D6748



6B6D49



577153

# Triad

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



6B6D49



367285



895E71

# Complementary

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



6B6D49



4B496D

# 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.



7B6281



6B6D49



4B6E8D

# Square

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



6B6D49



347476



65688B



8E5E5F

# Rectangle

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



6B6D49



49735E



65688B



865F77



# Sweetspot

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



6B6D49



8E8F81



6D4B49



47473F



C7C7C7



474747



# Same Dimension

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



6B6D49



8C8F56



596D49



353630



6F7500



E7F500



# Inverse Universe

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



4B496D



59568F



5D496D



303036



070075



0E00F5



# Previews

## White Background



This preview shows how the Hex color 6B6D49 looks on a white background.

## Color Contrast Check

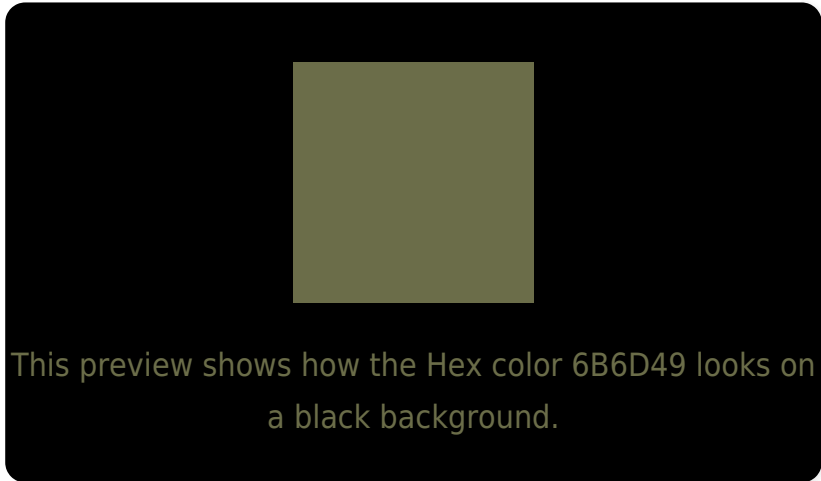
Large Text (above 18pt) WCAG AA ✓ Pass

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

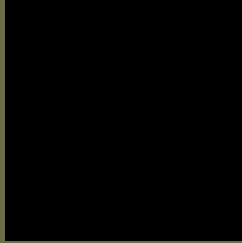
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

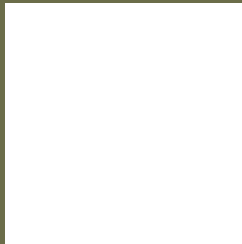
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B6D49 Background



This preview shows how black text looks on a background with the Hex color 6B6D49.



This preview shows how white text looks on a background with the Hex color 6B6D49.

# 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**  
6B6D49

**Protanopia**  
736A48

**Deuteranopia**  
7F664B



**Tritanopia**  
706870

# Trichromacy



**Original Color**

6B6D49

**Protanomaly**

706B48

**Deuteranomaly**

78694A

**Tritanomaly**

6E6A62

# Monochromacy



**Original Color**

6B6D49

**Achromatopsia**

686868

**Achromatomaly**

696A5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B6D49 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 #6B6D49 looks like.

```
.text, #text, p{  
    color:#6B6D49  
}
```

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 #6B6D49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6D49
}
```

## Border

The CSS property to change the border of an element to Hex 6B6D49 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".

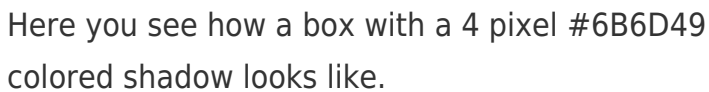
```
.border, #border, table{ border:4px solid
#6B6D49 }
```

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

```
.border{ border-color:#6B6D49 }
```

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

Here you see how a box with a 4 pixel #6B6D49 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6D49; -webkit-box-shadow:4px 4px  
4px 4px #6B6D49; box-shadow:4px 4px 4px  
4px #6B6D49 }
```

# Background

The CSS property to change the background color of an element to Hex 6B6D49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6D49 }
```

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

```
.background{ background-color:#6B6D49 }
```

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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