

# Converting Colors

Hex(6C6A4E)

Have a look what the booklet for  
Hex(6C6A4E) contains.

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**Color**

**Hex(6C6A4E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C6A4E
RGB	108, 106, 78
RGB Percent	42%, 42%, 31%
CMY	0.5765, 0.5843, 0.6941
CMYK	0.00, 0.02, 0.28, 0.58
HSL	56°, 16%, 36%
HSV	56°, 28%, 42%
XYZ	12.7135, 14.0463, 9.2489
YIQ	103.4060, 10.1800, -8.2840

# Conversions

## Conversions Part 2

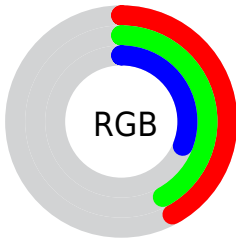
Format	Color
R <sub>Y</sub> B	80, 108, 78
Decimal	7105102
CIE Lab	44.30, -4.20, 16.05
CIE LCh	44, 16.588, 104.672
Yxy	14.0463, 0.3531, 0.3901
Android (android.graphics.Color)	4285295182 (0xFF6C6A4E)
YUV	103.4060, -12.5252, 4.0289
Hunter-Lab	37.4784, -5.0358, 11.6033

# Details

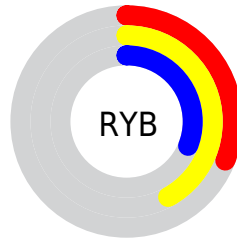
The Hex color **6C6A4E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4E506C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A09D7F**, and **3C3B21** is the 20% darker color. If you saturate the color by 10%, you get **6C6943**, and if you desaturate by 10%, it is **6C6B59**.

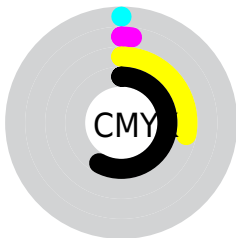
# Distribution



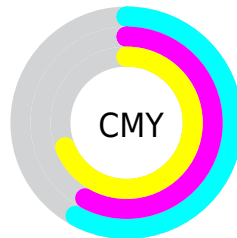
- Red (42%)
- Green (42%)
- Blue (31%)



- Red (31%)
- Yellow (42%)
- Blue (31%)



- Cyan (0%)
- Magenta (2%)
- Yellow (28%)
- Black (58%)



- Cyan (58%)
- Magenta (58%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C6A4E 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 6C6A4E by changing the saturation by 10% instead.





6C6A4E



6C6A4E

FFFFFF



535237



A09D7F



3C3B21



BBB899



26250C



D7D4B4



0D1100



F3F0D0



000000



FFFFE0



6C6A4E



6C6A4E



6C6943



6C6B59



6C6938



6C6B64

 6C682E

 6C6C6E

 6C6723

 6C6D79

 6C6618

 6C6E84

 6C660D

 6C6E8F

 6C6502

 6C6F9A

 6C6500

 6C70A4

 6C70AF

# Harmonies

## Analogous

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



79654E



6C6A4E



5C6E55

# Triad

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



6C6A4E



436F7C



806070

# Complementary

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



6C6A4E



4E506C

# 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.



73637C



6C6A4E



4F6C83

# Square

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



6C6A4E



43716F



616883



855F62

# Rectangle

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



6C6A4E



526F5D



616883



7C6075



# Sweetspot

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



6C6A4E



8C8C81



6C4E50



474740



C7C7C7



474747



# Same Dimension

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



6C6A4E



8C895E



5F6C4E



363530



756D00



F5E400



# Inverse Universe

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



4E506C



5E618C



5B4E6C



303136



000875



0010F5



# Previews

## White Background



This preview shows how the Hex color 6C6A4E looks on a white background.

## Color Contrast Check

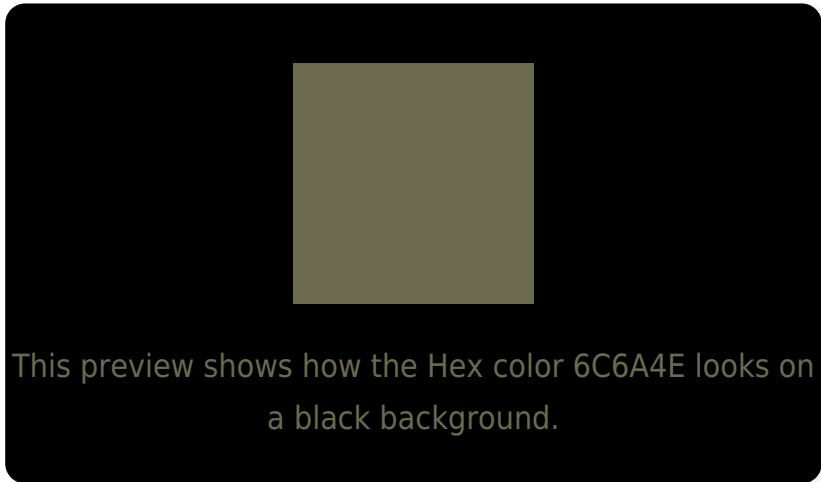
Large Text (above 18pt) WCAG AA ✓ Pass

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

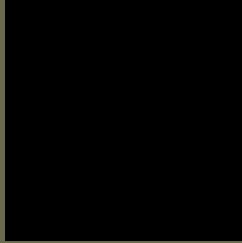
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

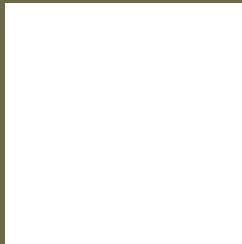
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C6A4E Background



This preview shows how black text looks on a background with the Hex color 6C6A4E.



This preview shows how white text looks on a background with the Hex color 6C6A4E.

# 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**

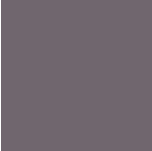
6C6A4E

**Protanopia**

70694D

**Deuteranopia**

7B644F



**Tritanopia**  
70666E

# Trichromacy



**Original Color**  
6C6A4E

**Protanomaly**  
6F694D

**Deuteranomaly**  
76664F

**Tritanomaly**  
6F6762

# Monochromacy



**Original Color**  
6C6A4E

**Achromatopsia**  
676767

**Achromatomaly**  
69685E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C6A4E 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 #6C6A4E looks like.

```
.text, #text, p{  
    color:#6C6A4E  
}
```

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 #6C6A4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C6A4E
}
```

## Border

The CSS property to change the border of an element to Hex 6C6A4E 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
#6C6A4E }
```

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

```
.border{ border-color:#6C6A4E }
```

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

Here you see how a box with a 4 pixel #6C6A4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C6A4E; -webkit-box-shadow:4px 4px  
4px 4px #6C6A4E; box-shadow:4px 4px 4px  
4px #6C6A4E }
```

# Background

The CSS property to change the background color of an element to Hex 6C6A4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C6A4E }
```

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

```
.background{ background-color:#6C6A4E }
```

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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