

# Converting Colors

Hex(6B644E)

Have a look what the booklet for  
Hex(6B644E) contains.

<b>Hex(6B644E)</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(6B644E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B644E
RGB	107, 100, 78
RGB Percent	42%, 39%, 31%
CMY	0.5804, 0.6078, 0.6941
CMYK	0.00, 0.07, 0.27, 0.58
HSL	46°, 16%, 36%
HSV	46°, 27%, 42%
XYZ	11.9957, 12.7902, 9.0442
YIQ	99.5850, 11.2340, -5.3580

# Conversions

## Conversions Part 2

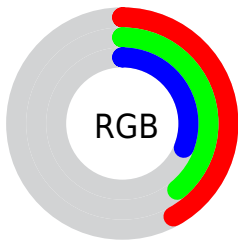
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 107, 78
Decimal	7038030
CIELab	42.45, -1.12, 13.50
CIElCh	42, 13.550, 94.728
Yxy	12.7902, 0.3546, 0.3781
Android (android.graphics.Color)	4285228110 (0xFF6B644E)
YUV	99.5850, -10.6414, 6.5030
Hunter-Lab	35.7634, -2.7136, 10.0405

# Details

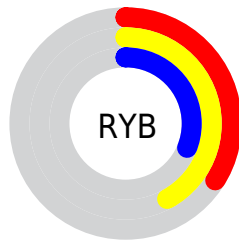
The Hex color **6B644E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4E556B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9F977F**, and **3B3622** is the 20% darker color. If you saturate the color by 10%, you get **6B6143**, and if you desaturate by 10%, it is **6B6759**.

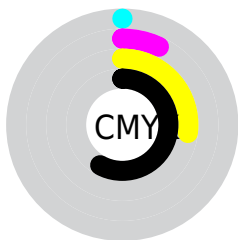
# Distribution



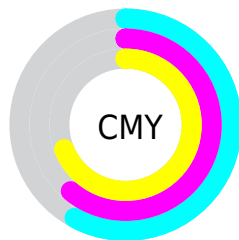
- Red (42%)
- Green (39%)
- Blue (31%)



- Red (34%)
- Yellow (42%)
- Blue (31%)



- Cyan (0%)
- Magenta (7%)
- Yellow (27%)
- Black (58%)



- Cyan (58%)
- Magenta (61%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B644E 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 6B644E by changing the saturation by 10% instead.



 6B644E

 6B644E

FFFFFF

 534C37

 9F977F

 3B3622

 BAB199

 25200C

 D6CDB4

 0B0900

 F2E9CF

 000000

 FFFFE0

 6B644E

 6B644E

 6B6143

 6B6759

 6B5F39

 6B6963

■ 6B5C2E

■ 6B6C6E

■ 6B5A23

■ 6B6E79

■ 6B5718

■ 6B7184

■ 6B550E

■ 6B738E

■ 6B5203

■ 6B7699

■ 6B5100

■ 6B79A4

■ 6B7BAE

# Harmonies

## Analogous

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



756050



6B644E



5F6752

# Triad

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



6B644E



466A70



745E6E

# Complementary

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



6B644E



4E556B

# 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.



686177



6B644E



4C6878

# Square

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



6B644E



486B66



5A657A



7B5C63

# Rectangle

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



6B644E



566957



5A657A



715E71



# Sweetspot

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



6B644E



8C8A81



6B4E55



474640



C7C7C7



474747



# Same Dimension

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



6B644E



8C815E



646B4E



363430



755900



F5BA00



# Inverse Universe

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



4E556B



5E698C



554E6B



303136



001C75



003BF5



# Previews

## White Background



This preview shows how the Hex color 6B644E looks on a white background.

## Color Contrast Check

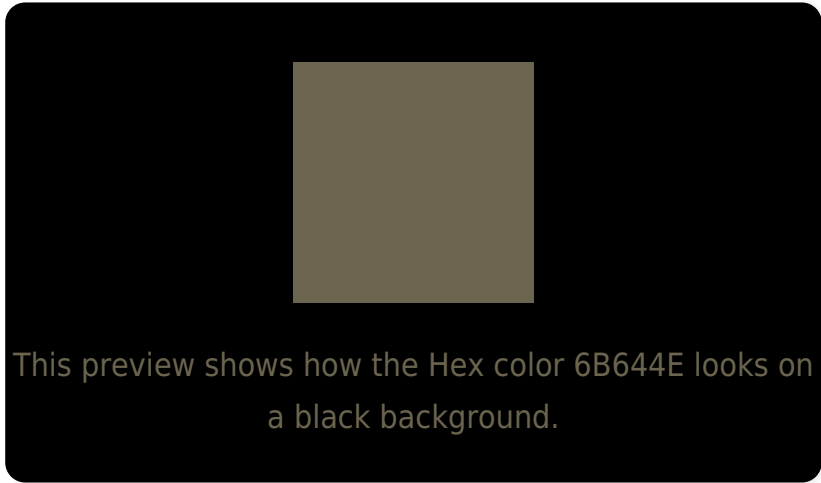
Large Text (above 18pt) WCAG AA ✓ Pass

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

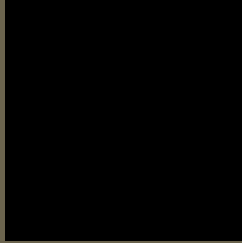
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B644E Background



This preview shows how black text looks on a background with the Hex color 6B644E.

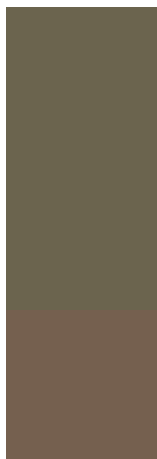


This preview shows how white text looks on a background with the Hex color 6B644E.

# 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**


6B644E

**Protanopia**

6B644E

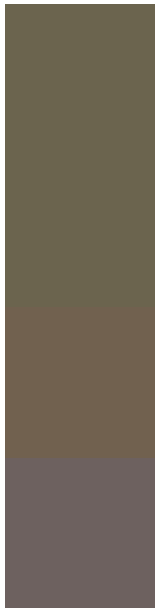
**Deuteranopia**

75604F



**Tritanopia**  
6E6068

# Trichromacy



**Original Color**  
6B644E

**Protanomaly**  
6B644E

**Deuteranomaly**  
71614F

**Tritanomaly**  
6D615F

# Monochromacy



**Original Color**  
6B644E

**Achromatopsia**  
646464

**Achromatomaly**  
67645C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B644E 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 #6B644E looks like.

```
.text, #text, p{  
    color:#6B644E  
}
```

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 #6B644E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B644E
}
```

## Border

The CSS property to change the border of an element to Hex 6B644E is called "border". The border property can be set on classes, ids or directly on the HTML element.

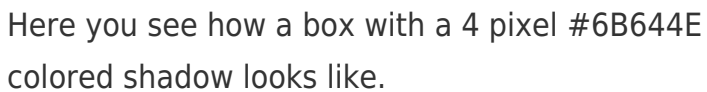
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B644E }
```

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

```
.border{ border-color:#6B644E }
```

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



Here you see how a box with a 4 pixel #6B644E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B644E; -webkit-box-shadow:4px 4px  
4px 4px #6B644E; box-shadow:4px 4px 4px  
4px #6B644E }
```

# Background

The CSS property to change the background color of an element to Hex 6B644E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B644E }
```

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

```
.background{ background-color:#6B644E }
```

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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