

Converting Colors

Hex(6B4E4E)

Have a look what the booklet for
Hex(6B4E4E) contains.

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Color

Hex(6B4E4E)

Conversions

Conversions Part 1

Format	Color
Hex	6B4E4E
RGB	107, 78, 78
RGB Percent	42%, 31%, 31%
CMY	0.5804, 0.6941, 0.6941
CMYK	0.00, 0.27, 0.27, 0.58
HSL	0°, 16%, 36%
HSV	0°, 27%, 42%
XYZ	10.1629, 9.1246, 8.4333
YIQ	86.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

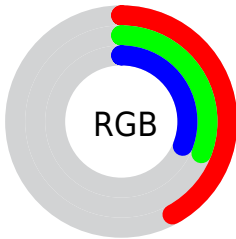
Format	Color
R_{YB}	107, 78, 78
Decimal	7032398
CIE _{Lab}	36.22, 12.22, 4.79
CIE _{LCh}	36, 13.122, 21.395
Yxy	9.1246, 0.3666, 0.3292
Android (android.graphics.Color)	4285222478 (0xFF6B4E4E)
YUV	86.6710, -4.2748, 17.8285
Hunter-Lab	30.2070, 7.1928, 4.5921

Details

The Hex color **6B4E4E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4E6B6B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9F7F7F**, and **3B2122** is the 20% darker color. If you saturate the color by 10%, you get **6B4343**, and if you desaturate by 10%, it is **6B5959**.

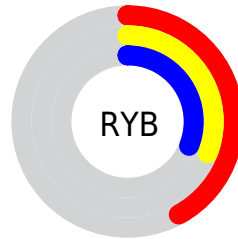
Distribution



Red (42%)

Green (31%)

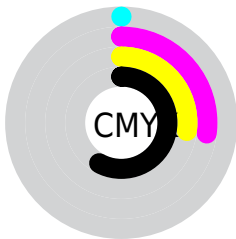
Blue (31%)



Red (42%)

Yellow (31%)

Blue (31%)

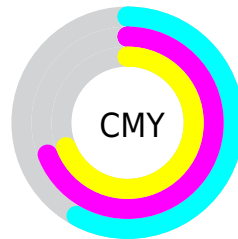


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (58%)



Cyan (58%)

Magenta (69%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B4E4E 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 6B4E4E by changing the saturation by 10% instead.



6B4E4E



6B4E4E

FFFFFF



523737



9F7F7F



3B2122



BA9999



250C0C



D6B4B4



000000



F3D0CF



FFECEB



6B4E4E



6B4E4E



6B4343



6B5959



6B3939



6B6363

 6B2E2E

 6B6E6E

 6B2323

 6B7979

 6B1818

 6B8484

 6B0E0E

 6B8E8E

 6B0303

 6B9999

 6B0000

 6BA4A4

 6BAEAE

Harmonies

Analogous

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



684E59



6B4E4E



685045

Triad

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



6B4E4E



495A48



45576A

Complementary

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



6B4E4E



4E6B6B

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.



3A5A65



6B4E4E



3E5B52

Square

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



6B4E4E



555742



385B5C



535469

Rectangle

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



6B4E4E



635242



385B5C



415869

Sweetspot

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



6B4E4E



8C8181



6B4E6B



474040



C7C7C7



474747

Same Dimension

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



6B4E4E



8C5E5E



6B5D4E



363030



750000



F50000

Inverse Universe

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



4E6B6B



5E8C8C



4E5D6B



303636



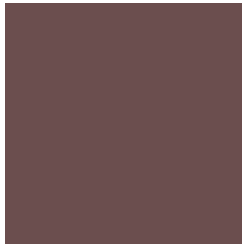
007575



00F5F5

Previews

White Background



This preview shows how the Hex color 6B4E4E looks on a white background.

Color Contrast Check

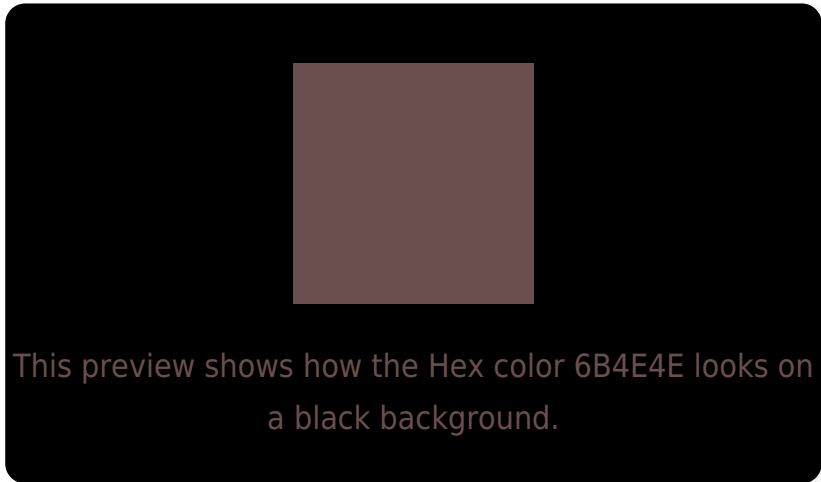
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

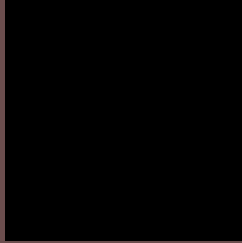
Any Text WCAG AA × Fail

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 6B4E4E Background



This preview shows how black text looks on a background with the Hex color 6B4E4E.



This preview shows how white text looks on a background with the Hex color 6B4E4E.

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
6B4E4E

Protanopia
585552

Deuteranopia
61524D



Tritanopia
6C4D53

Trichromacy



Original Color

6B4E4E

Protanomaly

5F5251

Deuteranomaly

65514D

Tritanomaly

6C4D51

Monochromacy



Original Color

6B4E4E

Achromatopsia

575757

Achromatomaly

5E5454

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4E4E 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 #6B4E4E looks like.

```
.text, #text, p{  
    color:#6B4E4E  
}
```

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 #6B4E4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4E4E
}
```

Border

The CSS property to change the border of an element to Hex 6B4E4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

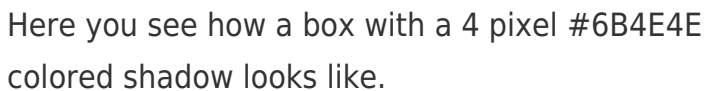
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4E4E }
```

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

```
.border{ border-color:#6B4E4E }
```

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



Here you see how a box with a 4 pixel #6B4E4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4E4E; -webkit-box-shadow:4px 4px  
4px 4px #6B4E4E; box-shadow:4px 4px 4px  
4px #6B4E4E }
```

Background

The CSS property to change the background color of an element to Hex 6B4E4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4E4E }
```

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

```
.background{ background-color:#6B4E4E }
```

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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