

Converting Colors

Hex(6B4733)

Have a look what the booklet for
Hex(6B4733) contains.

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Color

Hex(6B4733)

Conversions

Conversions Part 1

Format	Color
Hex	6B4733
RGB	107, 71, 51
RGB Percent	42%, 28%, 20%
CMY	0.5804, 0.7216, 0.8000
CMYK	0.00, 0.34, 0.52, 0.58
HSL	21°, 35%, 31%
HSV	21°, 52%, 42%
XYZ	8.9142, 7.8713, 4.1815
YIQ	79.4840, 27.8760, 1.4120

Conversions

Conversions Part 2

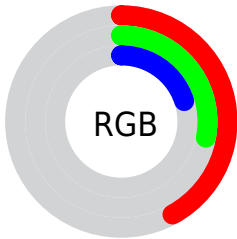
Format	Color
RYB	107, 82, 51
Decimal	7030579
CIELab	33.71, 12.89, 18.24
CIELCh	34, 22.331, 54.750
Yxy	7.8713, 0.4252, 0.3754
Android (android.graphics.Color)	4285220659 (0xFF6B4733)
YUV	79.4840, -14.0426, 24.1315
Hunter-Lab	28.0558, 7.6172, 10.8025

Details

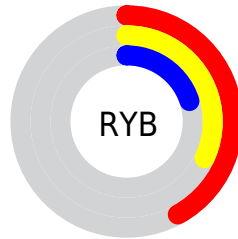
The Hex color **6B4733** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33576B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A07862**, and **391B06** is the 20% darker color. If you saturate the color by 10%, you get **6B4028**, and if you desaturate by 10%, it is **6B4E3E**.

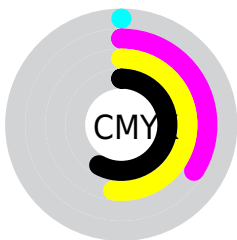
Distribution



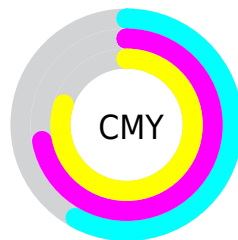
- Red (42%)
- Green (28%)
- Blue (20%)



- Red (42%)
- Yellow (32%)
- Blue (20%)



- Cyan (0%)
- Magenta (34%)
- Yellow (52%)
- Black (58%)



- Cyan (58%)
- Magenta (72%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B4733 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 6B4733 by changing the saturation by 10% instead.

 6B4733

 6B4733

FFFFFF

 52301E

 A07862

 391B06

 BC917B

 230300

 D8AC94

 000000

 F5C7AF

 FFE3CB

 FFFFE7

 6B4733

 6B4733

 6B4028

 6B4E3E

■ 6B391E

■ 6B5548

■ 6B3213

■ 6B5C53

■ 6B2B08

■ 6B635E

■ 6B2600

■ 6B6969

■ 6B7073

■ 6B777E

■ 6B7E89

■ 6B8593

Harmonies

Analogous

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



724241



6B4733



5E4D2C

Triad

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



6B4733



1F594B



4D4C6F

Complementary

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



6B4733



33576B

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.



305272



6B4733



02585D

Square

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



6B4733



37573A



0D566C



634664

Rectangle

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



6B4733



52512C



0D566C



444E71

Sweetspot

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



6B4733



8C7E76



6B3357



473F3A



C7C7C7



474747

Same Dimension

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



6B4733



8C5334



6B6333



363230



752A00



F55700

Inverse Universe

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



33576B



346D8C



333B6B



303436



004B75



009DF5

Previews

White Background



This preview shows how the Hex color 6B4733 looks on a white background.

Color Contrast Check

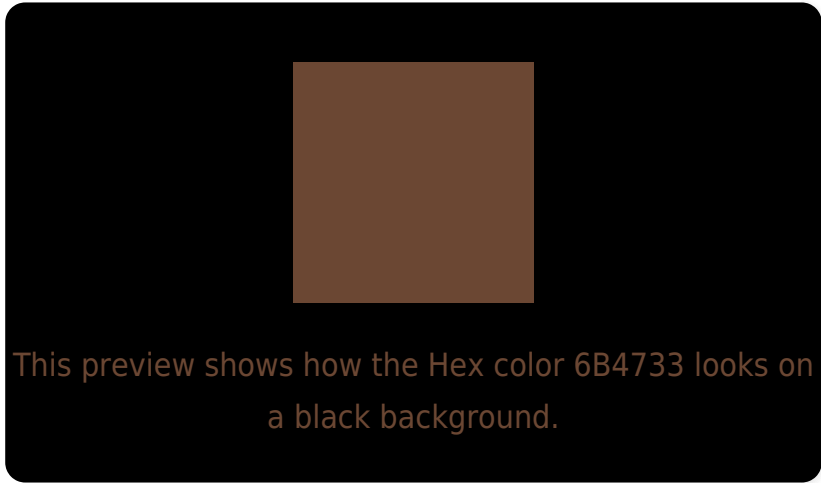
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B4733 Background



This preview shows how black text looks on a background with the Hex color 6B4733.

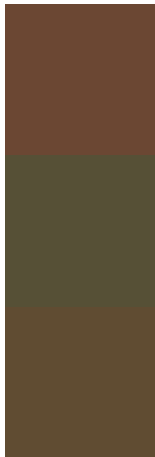


This preview shows how white text looks on a background with the Hex color 6B4733.

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
6B4733

Protanopia
565036

Deuteranopia
604C32



Tritanopia
6D4449

Trichromacy



Original Color
6B4733

Protanomaly
5E4D35

Deuteranomaly
644A32

Tritanomaly
6C4541

Monochromacy



Original Color
6B4733

Achromatopsia
4F4F4F

Achromatomaly
594C45

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4733 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 #6B4733 looks like.

```
.text, #text, p{  
    color:#6B4733  
}
```

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 #6B4733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4733
}
```

Border

The CSS property to change the border of an element to Hex 6B4733 is called "border". The border property can be set on classes, ids or directly on the HTML element.

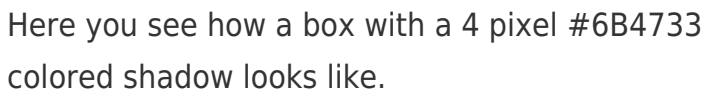
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4733 }
```

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

```
.border{ border-color:#6B4733 }
```

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



Here you see how a box with a 4 pixel #6B4733 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4733; -webkit-box-shadow:4px 4px  
4px 4px #6B4733; box-shadow:4px 4px 4px  
4px #6B4733 }
```

Background

The CSS property to change the background color of an element to Hex 6B4733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4733 }
```

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

```
.background{ background-color:#6B4733 }
```

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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