

# Converting Colors

Hex(6B4403)

Have a look what the booklet for  
Hex(6B4403) contains.

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**Color**

**Hex(6B4403)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B4403
RGB	107, 68, 3
RGB Percent	42%, 27%, 1%
CMY	0.5804, 0.7333, 0.9882
CMYK	0.00, 0.36, 0.97, 0.58
HSL	38°, 95%, 22%
HSV	38°, 97%, 42%
XYZ	8.1470, 7.2666, 1.0594
YIQ	72.2510, 44.1090, -11.9470

# Conversions

## Conversions Part 2

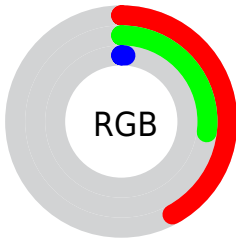
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	65, 107, 3
Decimal	7029763
CIE <sub>Lab</sub>	32.41, 11.81, 40.76
CIE <sub>LCh</sub>	32, 42.439, 73.845
Yxy	7.2666, 0.4946, 0.4411
Android (android.graphics.Color)	4285219843 (0xFF6B4403)
YUV	72.2510, -34.1407, 30.4749
Hunter-Lab	26.9567, 6.7729, 16.5397

# Details

The Hex color **6B4403** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **032A6B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **A37436**, and **361900** is the 20% darker color. If you saturate the color by 10%, you get **6B4300**, and if you desaturate by 10%, it is **6B480E**.

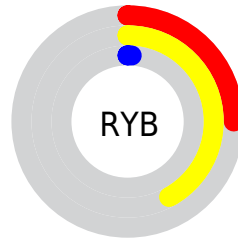
# Distribution



Red (42%)

Green (27%)

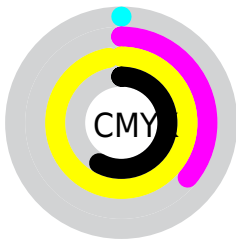
Blue (1%)



Red (25%)

Yellow (42%)

Blue (1%)

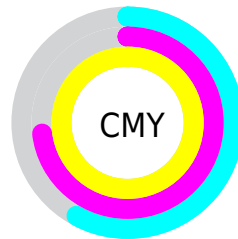


Cyan (0%)

Magenta (36%)

Yellow (97%)

Black (58%)



Cyan (58%)

Magenta (73%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B4403 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 6B4403 by changing the saturation by 10% instead.



 6B4403

 6B4403

 FFFFEF

 512E00

 A37436

 361900

 BF8E4E

 1F0000

 DCA867

 000000

 FAC381

 FFDF9B

 FFFCB7

 FFFFD2

 6B4403

 6B4403

■ 6B4300

■ 6B480E

■ 6B4C18

■ 6B5023

■ 6B542E

■ 6B5839

■ 6B5C43

■ 6B604E

■ 6B6459

■ 6B6863

# Harmonies

## Analogous

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



80361F



6B4403



4E4F00

# Triad

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



6B4403



005C5B



613C7D

# Complementary

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



6B4403



032A6B

# 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.



214B8D



6B4403



005A7A

# Square

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



6B4403



005B38



00558C



7F2E60

# Rectangle

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



6B4403



36550D



00558C



524184



# Sweetspot

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



6B4403



8C7D64



6B032B



473E2E



C7C7C7



474747



# Same Dimension

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



6B4403



8C5800



5F6B03



363430



754900



F59900



# Inverse Universe

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



032A6B



00358C



0F036B



303236



002C75

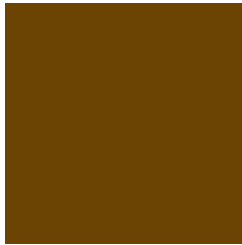


005CF5



# Previews

## White Background



This preview shows how the Hex color 6B4403 looks on a white background.

## Color Contrast Check

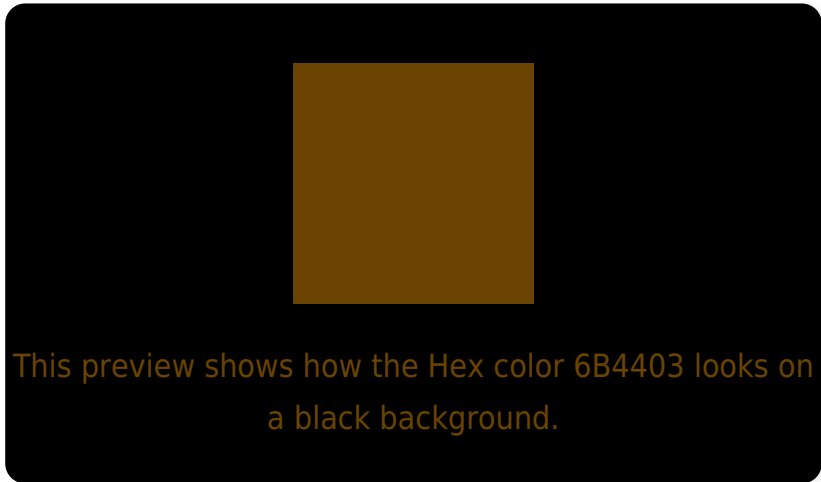
Large Text (above 18pt) WCAG AA ✓ Pass

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

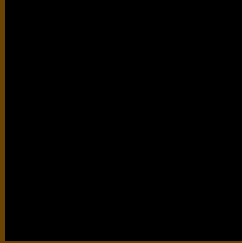
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B4403 Background



This preview shows how black text looks on a background with the Hex color 6B4403.



This preview shows how white text looks on a background with the Hex color 6B4403.

# 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

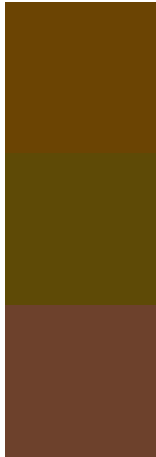


**Original Color**  
6B4403

**Protanopia**  
574D08

**Tritanopia**  
6E3F44

# Trichromacy



**Original Color**  
6B4403

**Protanomaly**  
5E4A06

**Tritanomaly**  
6D412C

# Monochromacy



**Original Color**  
6B4403

**Achromatopsia**  
484848

**Achromatomaly**  
55472F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B4403 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 #6B4403 looks like.

```
.text, #text, p{  
    color:#6B4403  
}
```

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 #6B4403 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4403
}
```

## Border

The CSS property to change the border of an element to Hex 6B4403 is called "border". The border property can be set on classes, ids or directly on the HTML element.

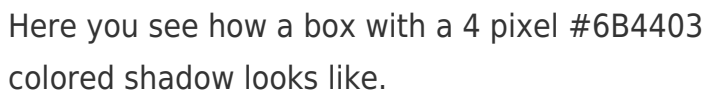
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4403 }
```

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

```
.border{ border-color:#6B4403 }
```

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



Here you see how a box with a 4 pixel #6B4403 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4403; -webkit-box-shadow:4px 4px  
4px 4px #6B4403; box-shadow:4px 4px 4px  
4px #6B4403 }
```

# Background

The CSS property to change the background color of an element to Hex 6B4403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4403 }
```

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

```
.background{ background-color:#6B4403 }
```

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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