

# Converting Colors

Hex(6B4703)

Have a look what the booklet for  
Hex(6B4703) contains.

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**Color**

**Hex(6B4703)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B4703
RGB	107, 71, 3
RGB Percent	42%, 28%, 1%
CMY	0.5804, 0.7216, 0.9882
CMYK	0.00, 0.34, 0.97, 0.58
HSL	39°, 95%, 22%
HSV	39°, 97%, 42%
XYZ	8.3331, 7.6389, 1.1214
YIQ	74.0120, 43.2840, -13.5160

# Conversions

## Conversions Part 2

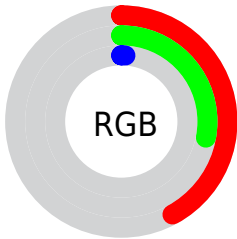
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 107, 3
Decimal	7030531
CIE <sub>Lab</sub>	33.22, 9.97, 41.35
CIE <sub>LCh</sub>	33, 42.532, 76.442
Y <sub>xy</sub>	7.6389, 0.4875, 0.4469
Android (android.graphics.Color)	4285220611 (0xFF6B4703)
Y <sub>UV</sub>	74.0120, -35.0089, 28.9305
Hunter-Lab	27.6385, 5.4509, 16.9413

# Details

The Hex color **6B4703** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **03276B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **A27736**, and **361C00** is the 20% darker color. If you saturate the color by 10%, you get **6B4600**, and if you desaturate by 10%, it is **6B4B0E**.

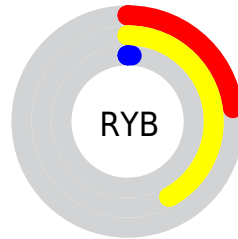
# Distribution



Red (42%)

Green (28%)

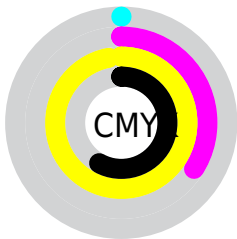
Blue (1%)



Red (23%)

Yellow (42%)

Blue (1%)

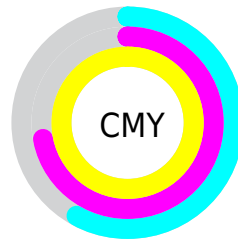


Cyan (0%)

Magenta (34%)

Yellow (97%)

Black (58%)



Cyan (58%)

Magenta (72%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B4703 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 6B4703 by changing the saturation by 10% instead.



 6B4703

 6B4703

 FFFFF0

 513100

 A27736

 361C00

 BF914F

 1F0300

 DCAB68

 000000

 FAC782

 FFE39C

 FFFFB7

 FFFFD3

 6B4703

 6B4703

■ 6B4600

■ 6B4B0E

■ 6B4E18

■ 6B5223

■ 6B562E

■ 6B5A39

■ 6B5D43

■ 6B614E

■ 6B6559

■ 6B6863

# Harmonies

## Analogous

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



81391E



6B4703



4D5200

# Triad

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



6B4703



005E60



673D7D

# Complementary

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



6B4703



03276B

# 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.



2C4C8F



6B4703



005C7E

# Square

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



6B4703



005D3D



005690



832F5F

# Rectangle

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



6B4703



345712



005690



584285



# Sweetspot

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



6B4703



8C7E64



6B0327



473F2E



C7C7C7



474747



# Same Dimension

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



6B4703



8C5C00



5B6B03



363430



754D00



F5A000



# Inverse Universe

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



03276B



00318C



13036B



303236



002975

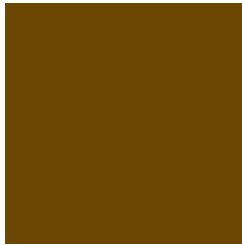


0055F5



# Previews

## White Background



This preview shows how the Hex color 6B4703 looks on a white background.

## Color Contrast Check

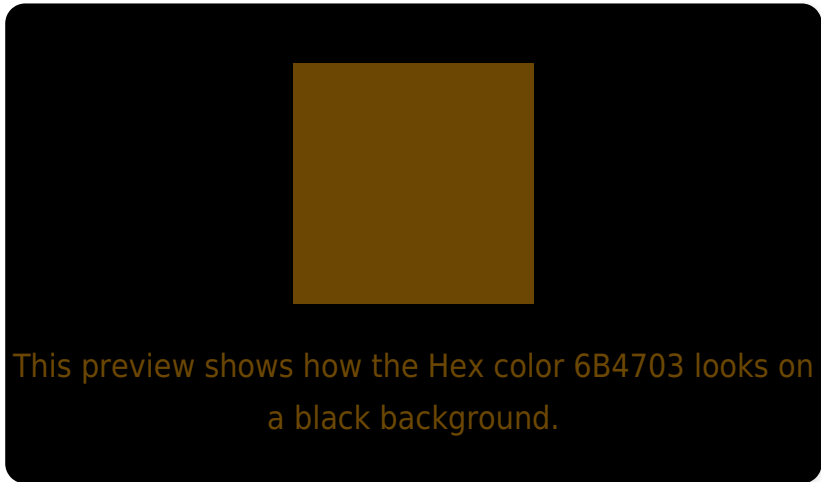
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B4703 Background



This preview shows how black text looks on a background with the Hex color 6B4703.



This preview shows how white text looks on a background with the Hex color 6B4703.

# 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**  
6B4703

**Protanopia**  
594F08

**Deuteranopia**  
634B00



**Tritanopia**  
6E4247

# Trichromacy



**Original Color**  
6B4703

**Protanomaly**  
604C06

**Deuteranomaly**  
664A01

**Tritanomaly**  
6D442E

# Monochromacy



**Original Color**  
6B4703

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
564930

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B4703 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 #6B4703 looks like.

```
.text, #text, p{  
    color:#6B4703  
}
```

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 #6B4703 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4703
}
```

## Border

The CSS property to change the border of an element to Hex 6B4703 is called "border". The border property can be set on classes, ids or directly on the HTML element.

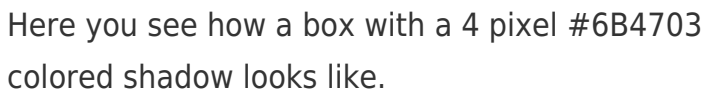
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4703 }
```

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

```
.border{ border-color:#6B4703 }
```

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



Here you see how a box with a 4 pixel #6B4703 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4703; -webkit-box-shadow:4px 4px  
4px 4px #6B4703; box-shadow:4px 4px 4px  
4px #6B4703 }
```

# Background

The CSS property to change the background color of an element to Hex 6B4703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4703 }
```

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

```
.background{ background-color:#6B4703 }
```

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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