

Converting Colors

Hex(6B4B03)

Have a look what the booklet for
Hex(6B4B03) contains.

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Color

Hex(6B4B03)

Conversions

Conversions Part 1

Format	Color
Hex	6B4B03
RGB	107, 75, 3
RGB Percent	42%, 29%, 1%
CMY	0.5804, 0.7059, 0.9882
CMYK	0.00, 0.30, 0.97, 0.58
HSL	42°, 95%, 22%
HSV	42°, 97%, 42%
XYZ	8.5959, 8.1645, 1.2090
YIQ	76.3600, 42.1840, -15.6080

Conversions

Conversions Part 2

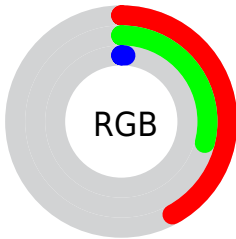
Format	Color
R_{YB}	49, 107, 3
Decimal	7031555
CIE _{Lab}	34.32, 7.52, 42.15
CIE _{LCh}	34, 42.811, 79.879
Yxy	8.1645, 0.4784, 0.4544
Android (android.graphics.Color)	4285221635 (0xFF6B4B03)
YUV	76.3600, -36.1665, 26.8713
Hunter-Lab	28.5736, 3.6950, 17.4929

Details

The Hex color **6B4B03** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **03236B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **A27C37**, and **371F00** is the 20% darker color. If you saturate the color by 10%, you get **6B4A00**, and if you desaturate by 10%, it is **6B4E0E**.

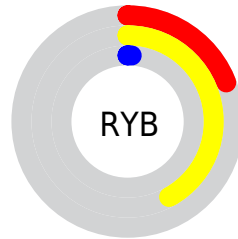
Distribution



Red (42%)

Green (29%)

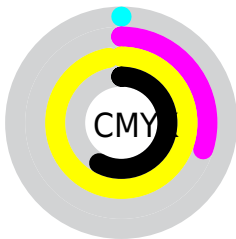
Blue (1%)



Red (19%)

Yellow (42%)

Blue (1%)

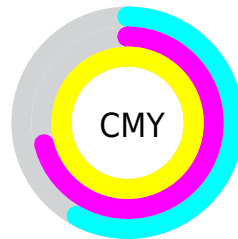


Cyan (0%)

Magenta (30%)

Yellow (97%)

Black (58%)



Cyan (58%)

Magenta (71%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B4B03 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 6B4B03 by changing the saturation by 10% instead.

 6B4B03

 6B4B03

 FFFFF1

 513400

 A27C37

 371F00

 BF9550

 1E0900

 DCB069

 000000

 FACB83

 FFE79D

 FFFFB9

 FFFF D5

 6B4B03

 6B4B03

■ 6B4A00

■ 6B4E0E

■ 6B5218

■ 6B5523

■ 6B582E

■ 6B5B39

■ 6B5F43

■ 6B624E

■ 6B6559

■ 6B6963

Harmonies

Analogous

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



823D1D



6B4B03



4C5604

Triad

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



6B4B03



006167



6E3D7D

Complementary

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



6B4B03



03236B

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.



394D91



6B4B03



005E84

Square

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



6B4B03



006044



005894



88305E

Rectangle

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



6B4B03



325B17



005894



604385

Sweetspot

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



6B4B03



8C8064



6B0324



47402E



C7C7C7



474747

Same Dimension

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



6B4B03



8C6100



586B03



363430



755100



F5A900

Inverse Universe

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



03236B



002B8C



16036B



303236



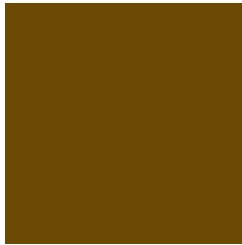
002475



004BF5

Previews

White Background



This preview shows how the Hex color 6B4B03 looks on a white background.

Color Contrast Check

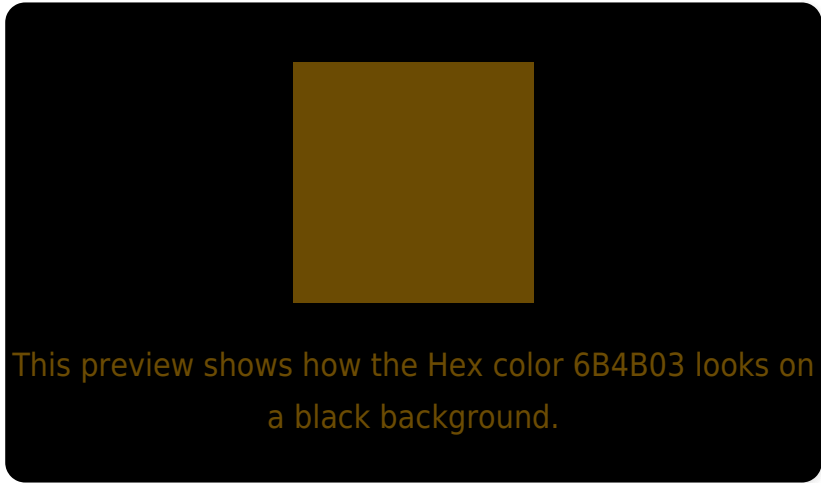
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B4B03 Background



This preview shows how black text looks on a background with the Hex color 6B4B03.



This preview shows how white text looks on a background with the Hex color 6B4B03.

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
6B4B03

Protanopia
5C5107

Deuteranopia
674D00



Tritanopia
6E464B

Trichromacy



Original Color
6B4B03

Protanomaly
614F06

Deuteranomaly
684C01

Tritanomaly
6D4831

Monochromacy



Original Color
6B4B03

Achromatopsia
4C4C4C

Achromatomaly
574C31

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4B03 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 #6B4B03 looks like.

```
.text, #text, p{  
    color:#6B4B03  
}
```

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 #6B4B03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4B03
}
```

Border

The CSS property to change the border of an element to Hex 6B4B03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

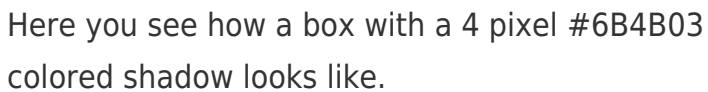
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4B03 }
```

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

```
.border{ border-color:#6B4B03 }
```

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



Here you see how a box with a 4 pixel #6B4B03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4B03; -webkit-box-shadow:4px 4px  
4px 4px #6B4B03; box-shadow:4px 4px 4px  
4px #6B4B03 }
```

Background

The CSS property to change the background color of an element to Hex 6B4B03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4B03 }
```

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

```
.background{ background-color:#6B4B03 }
```

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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