

# Converting Colors

Hex(6B3805)

Have a look what the booklet for  
Hex(6B3805) contains.

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**Color**

**Hex(6B3805)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B3805
RGB	107, 56, 5
RGB Percent	42%, 22%, 2%
CMY	0.5804, 0.7804, 0.9804
CMYK	0.00, 0.48, 0.95, 0.58
HSL	30°, 91%, 22%
HSV	30°, 95%, 42%
XYZ	7.5050, 5.9651, 0.8994
YIQ	65.4350, 46.7670, -5.0490

# Conversions

## Conversions Part 2

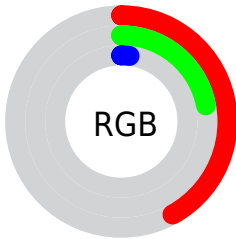
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 107, 5
Decimal	7026693
CIE <sub>Lab</sub>	29.32, 19.14, 37.69
CIE <sub>LCh</sub>	29, 42.277, 63.076
Yxy	5.9651, 0.5223, 0.4151
Android (android.graphics.Color)	4285216773 (0xFF6B3805)
YUV	65.4350, -29.7945, 36.4525
Hunter-Lab	24.4236, 12.1090, 14.9131

# Details

The Hex color **6B3805** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **05386B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A36835**, and **350D00** is the 20% darker color. If you saturate the color by 10%, you get **6B3600**, and if you desaturate by 10%, it is **6B3D10**.

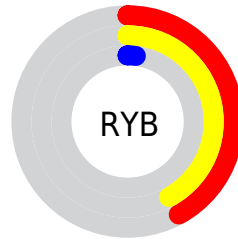
# Distribution



Red (42%)

Green (22%)

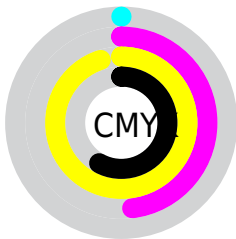
Blue (2%)



Red (42%)

Yellow (42%)

Blue (2%)

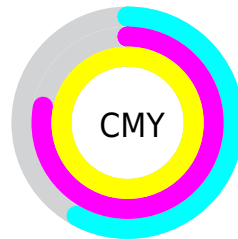


Cyan (0%)

Magenta (48%)

Yellow (95%)

Black (58%)



Cyan (58%)

Magenta (78%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B3805 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 6B3805 by changing the saturation by 10% instead.



 6B3805

 6B3805

 FFFFED

 502200

 A36835

 350D00

 C0814D

 1E0001

 DD9B66

 000000

 FBB67F

 FFD199

 FFEEB5

 FFFF00

 6B3805

 6B3805

■ 6B3600

■ 6B3D10

■ 6B431A

■ 6B4825

■ 6B4D30

■ 6B533B

■ 6B5845

■ 6B5D50

■ 6B635B

■ 6B6865

# Harmonies

## Analogous

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



7C2923



6B3805



514500

# Triad

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



6B3805



005448



493B7C

# Complementary

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



6B3805



05386B

# 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.



004887



6B3805



005468

# Square

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



6B3805



005226



00507F



6F2B63

# Rectangle

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



6B3805



3C4B00



00507F



344082



# Sweetspot

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



6B3805



8C7864



6B0538



473B2E



C7C7C7



474747



# Same Dimension

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



6B3805



8C4600



6B6B05



363330



753B00



F57A00



# Inverse Universe

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



05386B



00468C



05056B



303336



003B75

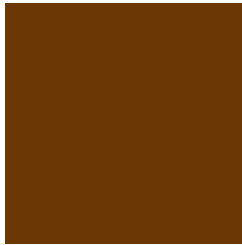


007AF5



# Previews

## White Background



This preview shows how the Hex color 6B3805 looks on a white background.

## Color Contrast Check

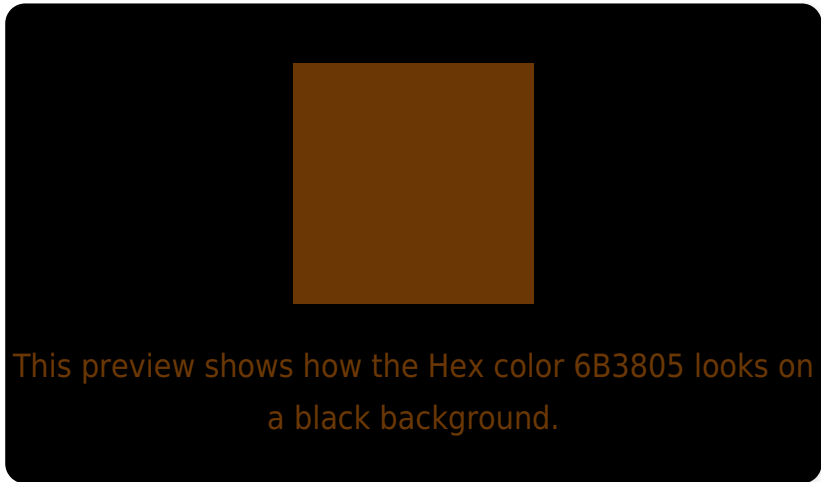
Large Text (above 18pt) WCAG AA ✓ Pass

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

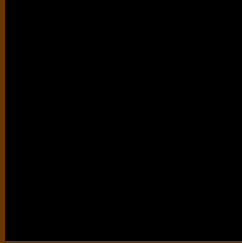
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B3805 Background



This preview shows how black text looks on a background with the Hex color 6B3805.



This preview shows how white text looks on a background with the Hex color 6B3805.

# 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**  
6B3805

**Protanopia**  
4F460A

**Deuteranopia**  
584200



**Tritanopia**  
6D3438

# Trichromacy



**Original Color**  
6B3805

**Protanomaly**  
594108

**Deuteranomaly**  
5F3E02

**Tritanomaly**  
6C3525

# Monochromacy



**Original Color**  
6B3805

**Achromatopsia**  
414141

**Achromatomaly**  
503E2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B3805 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 #6B3805 looks like.

```
.text, #text, p{  
    color:#6B3805  
}
```

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 #6B3805 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3805
}
```

## Border

The CSS property to change the border of an element to Hex 6B3805 is called "border". The border property can be set on classes, ids or directly on the HTML element.

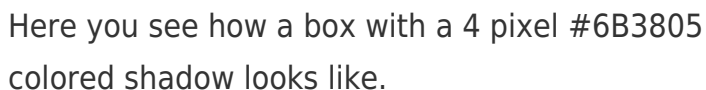
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B3805 }
```

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

```
.border{ border-color:#6B3805 }
```

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



Here you see how a box with a 4 pixel #6B3805 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3805; -webkit-box-shadow:4px 4px  
4px 4px #6B3805; box-shadow:4px 4px 4px  
4px #6B3805 }
```

# Background

The CSS property to change the background color of an element to Hex 6B3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3805 }
```

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

```
.background{ background-color:#6B3805 }
```

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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