

Converting Colors

Hex(6B4807)

Have a look what the booklet for
Hex(6B4807) contains.

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Color

Hex(6B4807)

Conversions

Conversions Part 1

Format	Color
Hex	6B4807
RGB	107, 72, 7
RGB Percent	42%, 28%, 3%
CMY	0.5804, 0.7176, 0.9725
CMYK	0.00, 0.33, 0.93, 0.58
HSL	39°, 88%, 22%
HSV	39°, 93%, 42%
XYZ	8.4191, 7.7759, 1.2582
YIQ	75.0550, 41.7250, -12.7950

Conversions

Conversions Part 2

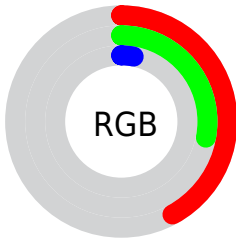
Format	Color
RYB	61, 107, 7
Decimal	7030791
CIELab	33.51, 9.47, 40.15
CIELCh	34, 41.251, 76.726
Yxy	7.7759, 0.4824, 0.4455
Android (android.graphics.Color)	4285220871 (0xFF6B4807)
YUV	75.0550, -33.5511, 28.0158
Hunter-Lab	27.8852, 5.0936, 16.8445

Details

The Hex color **6B4807** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **072A6B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A27839**, and **371D00** is the 20% darker color. If you saturate the color by 10%, you get **6B4600**, and if you desaturate by 10%, it is **6B4C12**.

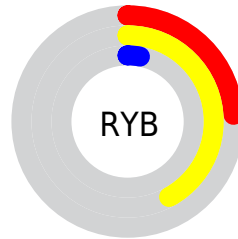
Distribution



Red (42%)

Green (28%)

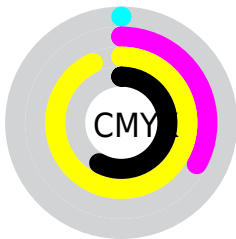
Blue (3%)



Red (24%)

Yellow (42%)

Blue (3%)

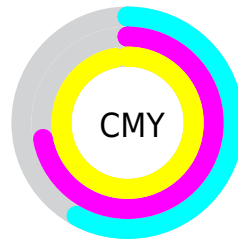


Cyan (0%)

Magenta (33%)

Yellow (93%)

Black (58%)



Cyan (58%)

Magenta (72%)

Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6B4807 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 6B4807 by changing the saturation by 10% instead.

 6B4807

 6B4807

 FFFFF3

 513200

 A27839

 371D00

 BF9252

 1F0500

 DCAD6B

 000000

 FAC885

 FFE49F

 FFFFBB

 FFFFD7

 6B4807

 6B4807

■ 6B4600

■ 6B4C12

■ 6B4F1C

■ 6B5327

■ 6B5732

■ 6B5B3C

■ 6B5E47

■ 6B6252

■ 6B665D

■ 6B6A67

Harmonies

Analogous

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



803A20



6B4807



4E5305

Triad

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



6B4807



005E61



673E7C

Complementary

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



6B4807



072A6B

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.



304C8E



6B4807



005C7E

Square

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



6B4807



005D3F



00578E



82315F

Rectangle

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



6B4807



365815



00578E



594383

Sweetspot

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



6B4807



8C7F65



6B072A



473F2F



C7C7C7



474747

Same Dimension

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



6B4807



8C5B00



5C6B07



363430



754C00



F59F00

Inverse Universe

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



072A6B



00318C



16076B



303236



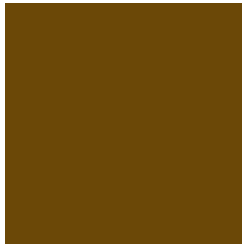
002975



0056F5

Previews

White Background



This preview shows how the Hex color 6B4807 looks on a white background.

Color Contrast Check

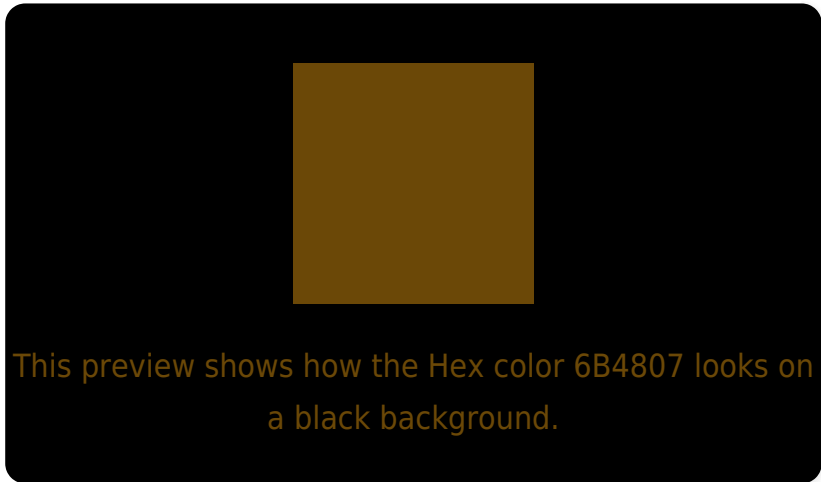
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B4807 Background



This preview shows how black text looks on a background with the Hex color 6B4807.



This preview shows how white text looks on a background with the Hex color 6B4807.

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
6B4807

Protanopia
59500A

Deuteranopia
644B00



Tritanopia
6E4348

Trichromacy



Original Color
6B4807

Protanomaly
604D09

Deuteranomaly
674A03

Tritanomaly
6D4530

Monochromacy



Original Color
6B4807

Achromatopsia
4B4B4B

Achromatomaly
574A32

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4807 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 #6B4807 looks like.

```
.text, #text, p{  
    color:#6B4807  
}
```

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 #6B4807 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4807
}
```

Border

The CSS property to change the border of an element to Hex 6B4807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

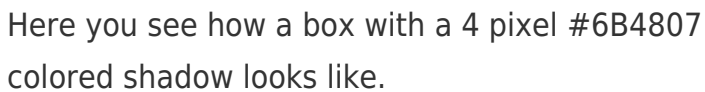
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4807 }
```

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

```
.border{ border-color:#6B4807 }
```

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



Here you see how a box with a 4 pixel #6B4807 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4807; -webkit-box-shadow:4px 4px  
4px 4px #6B4807; box-shadow:4px 4px 4px  
4px #6B4807 }
```

Background

The CSS property to change the background color of an element to Hex 6B4807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4807 }
```

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

```
.background{ background-color:#6B4807 }
```

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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