

Converting Colors

Hex(6C4802)

Have a look what the booklet for
Hex(6C4802) contains.

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Color

Hex(6C4802)

Conversions

Conversions Part 1

Format	Color
Hex	6C4802
RGB	108, 72, 2
RGB Percent	42%, 28%, 1%
CMY	0.5765, 0.7176, 0.9922
CMYK	0.00, 0.33, 0.98, 0.58
HSL	40°, 96%, 22%
HSV	40°, 98%, 42%
XYZ	8.5127, 7.8273, 1.1196
YIQ	74.7840, 43.9260, -14.1380

Conversions

Conversions Part 2

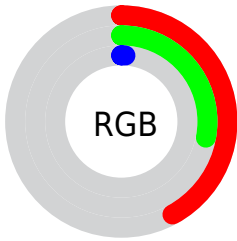
Format	Color
R_{YB}	57, 108, 2
Decimal	7096322
CIE Lab	33.62, 9.83, 42.06
CIE LCh	34, 43.194, 76.852
Yxy	7.8273, 0.4876, 0.4483
Android (android.graphics.Color)	4285286402 (0xFF6C4802)
YUV	74.7840, -35.8825, 29.1304
Hunter-Lab	27.9772, 5.3522, 17.2114

Details

The Hex color **6C4802** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **02266C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A47836**, and **371D00** is the 20% darker color. If you saturate the color by 10%, you get **6C4700**, and if you desaturate by 10%, it is **6C4C0D**.

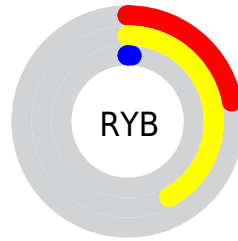
Distribution



Red (42%)

Green (28%)

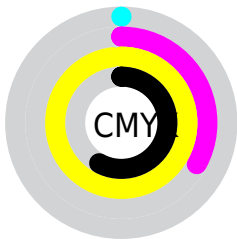
Blue (1%)



Red (22%)

Yellow (42%)

Blue (1%)

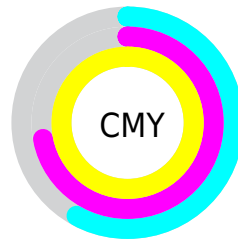


Cyan (0%)

Magenta (33%)

Yellow (98%)

Black (58%)



Cyan (58%)

Magenta (72%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C4802 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 6C4802 by changing the saturation by 10% instead.

 6C4802

 6C4802

 FFFFF0

 523200

 A47836

 371D00

 C0924E

 1F0500

 DDAC67

 000000

 FBC881

 FFE49C

 FFFFB7

 FFFFD3

 6C4802

 6C4802

■ 6C4700

■ 6C4C0D

■ 6C4F18

■ 6C5322

■ 6C572D

■ 6C5A38

■ 6C5E43

■ 6C624E

■ 6C6558

■ 6C6963

Harmonies

Analogous

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



82391E



6C4802



4D5300

Triad

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



6C4802



005F62



693D7E

Complementary

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



6C4802



02266C

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.



2E4C91



6C4802



005D80

Square

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



6C4802



005E3E



005792



852F60

Rectangle

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



6C4802



345812



005792



5A4286

Sweetspot

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



6C4802



8C7E64



6C0227



473F2E



C7C7C7



474747

Same Dimension

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



6C4802



8C5D00



5C6C02



363430



754D00



F5A200

Inverse Universe

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



02266C



00308C



12026C



303236



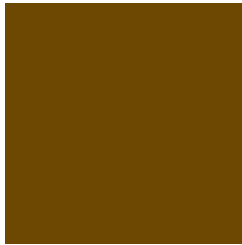
002875



0053F5

Previews

White Background



This preview shows how the Hex color 6C4802 looks on a white background.

Color Contrast Check

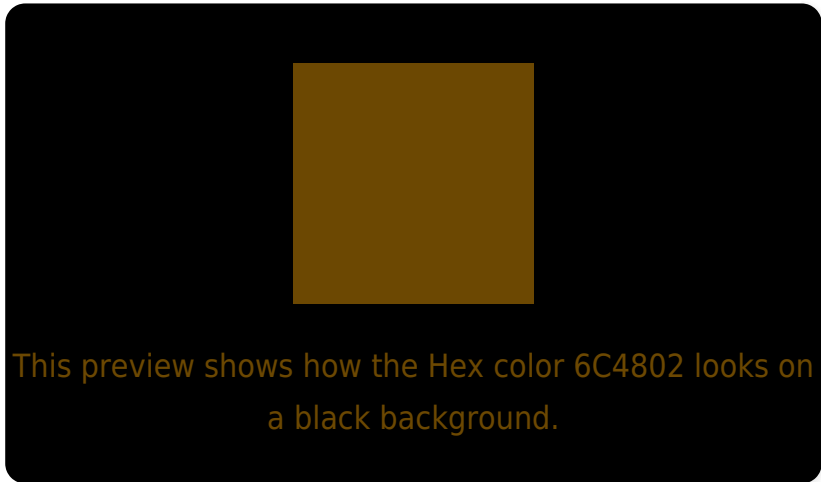
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C4802 Background



This preview shows how black text looks on a background with the Hex color 6C4802.



This preview shows how white text looks on a background with the Hex color 6C4802.

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
6C4802

Protanopia
5A5007

Deuteranopia
654B00



Tritanopia
6F4348

Trichromacy



Original Color
6C4802

Protanomaly
614D05

Deuteranomaly
684A01

Tritanomaly
6E452F

Monochromacy



Original Color
6C4802

Achromatopsia
4B4B4B

Achromatomaly
574A30

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C4802 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 #6C4802 looks like.

```
.text, #text, p{  
    color:#6C4802  
}
```

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 #6C4802 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C4802
}
```

Border

The CSS property to change the border of an element to Hex 6C4802 is called "border". The border property can be set on classes, ids or directly on the HTML element.

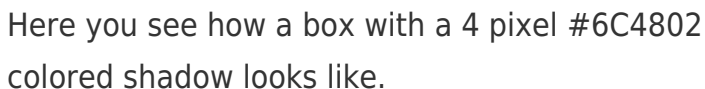
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C4802 }
```

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

```
.border{ border-color:#6C4802 }
```

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



Here you see how a box with a 4 pixel #6C4802 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C4802; -webkit-box-shadow:4px 4px  
4px 4px #6C4802; box-shadow:4px 4px 4px  
4px #6C4802 }
```

Background

The CSS property to change the background color of an element to Hex 6C4802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C4802 }
```

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

```
.background{ background-color:#6C4802 }
```

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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