

Converting Colors

Hex(6C400A)

Have a look what the booklet for
Hex(6C400A) contains.

Hex(6C400A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6C400A)

Conversions

Conversions Part 1

Format	Color
Hex	6C400A
RGB	108, 64, 10
RGB Percent	42%, 25%, 4%
CMY	0.5765, 0.7490, 0.9608
CMYK	0.00, 0.41, 0.91, 0.58
HSL	33°, 83%, 23%
HSV	33°, 91%, 42%
XYZ	8.0725, 6.8769, 1.1891
YIQ	71.0000, 43.5580, -7.4660

Conversions

Conversions Part 2

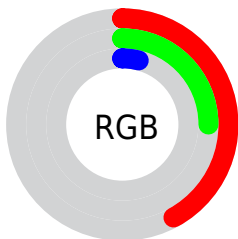
Format	Color
RYB	90, 108, 10
Decimal	7094282
CIELab	31.52, 14.93, 37.57
CIELCh	32, 40.427, 68.321
Yxy	6.8769, 0.5002, 0.4261
Android (android.graphics.Color)	4285284362 (0xFF6C400A)
YUV	71.0000, -30.0730, 32.4490
Hunter-Lab	26.2238, 9.0565, 15.6683

Details

The Hex color **6C400A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0A366C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A4703A**, and **371500** is the 20% darker color. If you saturate the color by 10%, you get **6C3C00**, and if you desaturate by 10%, it is **6C4515**.

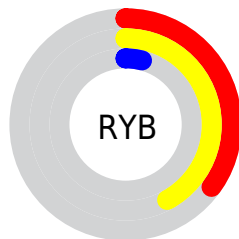
Distribution



Red (42%)

Green (25%)

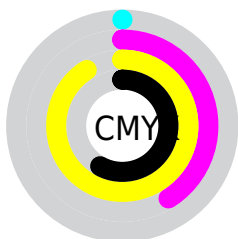
Blue (4%)



Red (35%)

Yellow (42%)

Blue (4%)

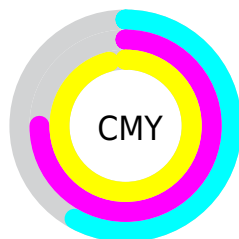


Cyan (0%)

Magenta (41%)

Yellow (91%)

Black (58%)



Cyan (58%)

Magenta (75%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C400A 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 6C400A by changing the saturation by 10% instead.

 6C400A

 6C400A

 FFFFF3

 522A00

 A4703A

 371500

 C08952

 200000

 DEA46B

 000000

 FBBF85

 FFDB9F

 FFF7BB

 FFFFD7

 6C400A

 6C400A

■ 6C3C00

■ 6C4515

■ 6C4A20

■ 6C4F2A

■ 6C5335

■ 6C5840

■ 6C5D4B

■ 6C6256

■ 6C6760

■ 6C6C6B

Harmonies

Analogous

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



7E3324



6C400A



524C00

Triad

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



6C400A



005952



563E7C

Complementary

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



6C400A



0A366C

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.



064B89



6C400A



005871

Square

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



6C400A



005731



005485



773062

Rectangle

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



6C400A



3C510A



005485



464382

Sweetspot

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



6C400A



8C7B66



6C0A36



473D31



C7C7C7



474747

Same Dimension

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



6C400A



8C4D00



676C0A



363330



754100



F58700

Inverse Universe

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



0A366C



003F8C



0F0A6C



303336



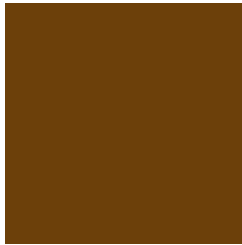
003575



006EF5

Previews

White Background



This preview shows how the Hex color 6C400A looks on a white background.

Color Contrast Check

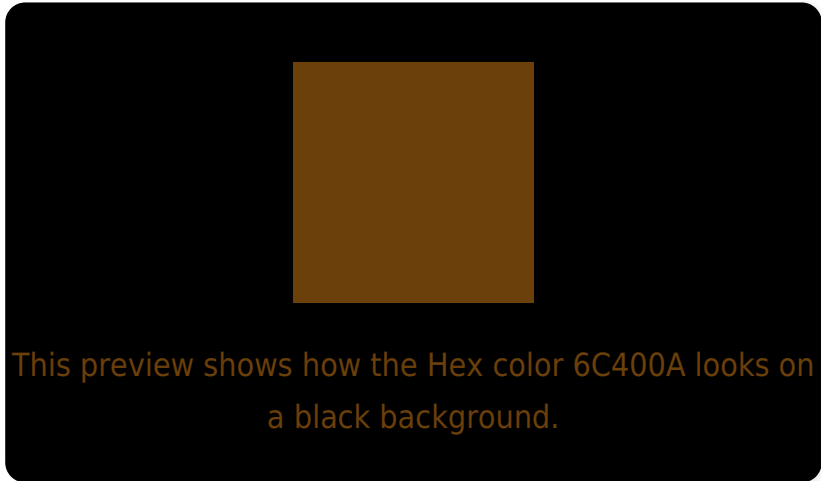
Large Text (above 18pt) WCAG AA ✓ Pass

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

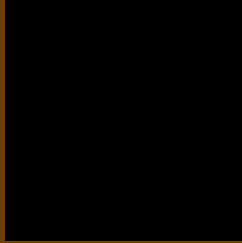
Any Text WCAG AA × Fail

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 6C400A Background



This preview shows how black text looks on a background with the Hex color 6C400A.



This preview shows how white text looks on a background with the Hex color 6C400A.

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
6C400A

Protanopia
544B0D

Deuteranopia
5F4700



Tritanopia
6E3C40

Trichromacy



Original Color
6C400A

Protanomaly
5D470C

Deuteranomaly
644404

Tritanomaly
6D3D2C

Monochromacy



Original Color
6C400A

Achromatopsia
474747

Achromatomaly
544431

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C400A 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 #6C400A looks like.

```
.text, #text, p{  
    color:#6C400A  
}
```

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 #6C400A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C400A
}
```

Border

The CSS property to change the border of an element to Hex 6C400A is called "border". The border property can be set on classes, ids or directly on the HTML element.

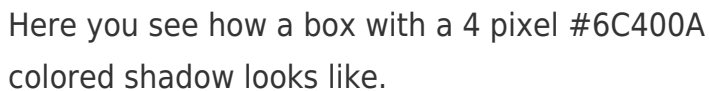
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C400A }
```

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

```
.border{ border-color:#6C400A }
```

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



Here you see how a box with a 4 pixel #6C400A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C400A; -webkit-box-shadow:4px 4px  
4px 4px #6C400A; box-shadow:4px 4px 4px  
4px #6C400A }
```

Background

The CSS property to change the background color of an element to Hex 6C400A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C400A }
```

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

```
.background{ background-color:#6C400A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor