

Converting Colors

Hex(6C4500)

Have a look what the booklet for
Hex(6C4500) contains.

Hex(6C4500)	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(6C4500)

Conversions

Conversions Part 1

Format	Color
Hex	6C4500
RGB	108, 69, 0
RGB Percent	42%, 27%, 0%
CMY	0.5765, 0.7294, 1.0000
CMYK	0.00, 0.36, 1.00, 0.58
HSL	38°, 100%, 21%
HSV	38°, 100%, 42%
XYZ	8.3125, 7.4444, 0.9988
YIQ	72.7950, 45.3930, -13.1910

Conversions

Conversions Part 2

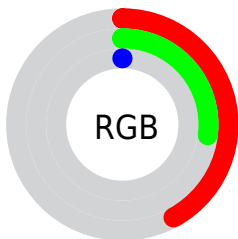
Format	Color
RYB	61, 108, 0
Decimal	7095552
CIELab	32.80, 11.60, 42.27
CIELCh	33, 43.831, 74.649
Yxy	7.4444, 0.4961, 0.4443
Android (android.graphics.Color)	4285285632 (0xFF6C4500)
YUV	72.7950, -35.8879, 30.8748
Hunter-Lab	27.2844, 6.6341, 16.9287

Details

The Hex color **6C4500** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00276C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **A47534**, and **371A00** is the 20% darker color. If you saturate the color by 10%, you get **6C4500**, and if you desaturate by 10%, it is **6C490B**.

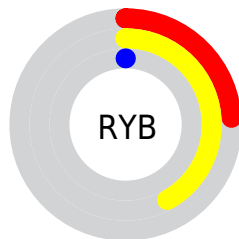
Distribution



Red (42%)

Green (27%)

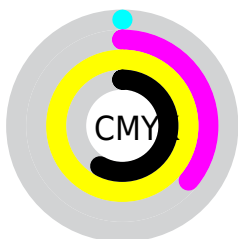
Blue (0%)



Red (24%)

Yellow (42%)

Blue (0%)

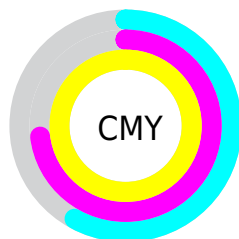


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C4500 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 6C4500 by changing the saturation by 10% instead.

 6C4500

 6C4500

 FFFFED

 522F00

 A47534

 371A00

 C18F4C

 1F0100

 DEA965

 000000

 FCC47F

 FFE099

 FFFDB5

 FFFF00

 6C4500

 6C490B

 6C4D16

 6C5120

 6C552B

 6C5936

 6C5C41

 6C604C

 6C6456

 6C6861

Harmonies

Analogous

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



82361D



6C4500



4E5100

Triad

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



6C4500



005D5E



643C7F

Complementary

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



6C4500



00276C

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.



214B90



6C4500



005C7D

Square

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



6C4500



005C3A



005690



822D60

Rectangle

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



6C4500



35560B



005690



544186

Sweetspot

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



6C4500



8C7D62



6C0028



473E2E



C7C7C7



474747

Same Dimension

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



6C4500



8C5A00



5E6C00



363430



754B00



F59C00

Inverse Universe

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



00276C



00338C



0E006C



303236



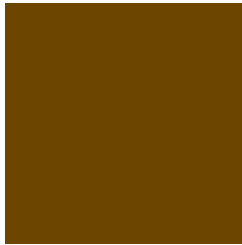
002A75



0058F5

Previews

White Background



This preview shows how the Hex color 6C4500 looks on a white background.

Color Contrast Check

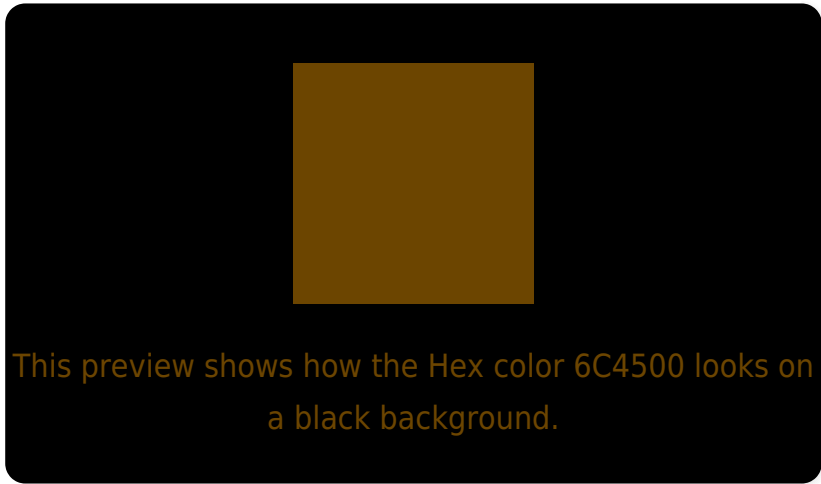
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C4500 Background



This preview shows how black text looks on a background with the Hex color 6C4500.



This preview shows how white text looks on a background with the Hex color 6C4500.

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
6C4500

Protanopia
584E08

Deuteranopia
624A00



Tritanopia
6F4045

Trichromacy



Original Color
6C4500

Protanomaly
5F4B05

Deuteranomaly
664800

Tritanomaly
6E422C

Monochromacy



Original Color
6C4500

Achromatopsia
494949

Achromatomaly
56482E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C4500 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 #6C4500 looks like.

```
.text, #text, p{  
    color:#6C4500  
}
```

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 #6C4500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C4500
}
```

Border

The CSS property to change the border of an element to Hex 6C4500 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
#6C4500 }
```

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

```
.border{ border-color:#6C4500 }
```

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

Here you see how a box with a 4 pixel #6C4500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C4500; -webkit-box-shadow:4px 4px  
4px 4px #6C4500; box-shadow:4px 4px 4px  
4px #6C4500 }
```

Background

The CSS property to change the background color of an element to Hex 6C4500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C4500 }
```

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

```
.background{ background-color:#6C4500 }
```

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