

# Converting Colors

Hex(6C4600)

Have a look what the booklet for  
Hex(6C4600) contains.

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**Color**

**Hex(6C4600)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C4600
RGB	108, 70, 0
RGB Percent	42%, 27%, 0%
CMY	0.5765, 0.7255, 1.0000
CMYK	0.00, 0.35, 1.00, 0.58
HSL	39°, 100%, 21%
HSV	39°, 100%, 42%
XYZ	8.3745, 7.5685, 1.0195
YIQ	73.3820, 45.1180, -13.7140

# Conversions

## Conversions Part 2

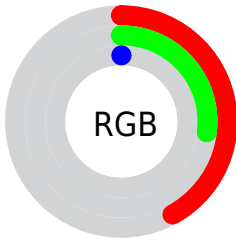
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 108, 0
Decimal	7095808
CIE <sub>Lab</sub>	33.07, 10.99, 42.45
CIE <sub>LCh</sub>	33, 43.846, 75.481
Yxy	7.5685, 0.4937, 0.4462
Android (android.graphics.Color)	4285285888 (0xFF6C4600)
YUV	73.3820, -36.1773, 30.3600
Hunter-Lab	27.5108, 6.1927, 17.0605

# Details

The Hex color **6C4600** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00266C**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **A47634**, and **371B00** is the 20% darker color. If you saturate the color by 10%, you get **6C4600**, and if you desaturate by 10%, it is **6C4A0B**.

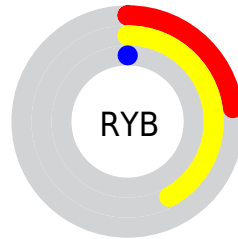
# Distribution



Red (42%)

Green (27%)

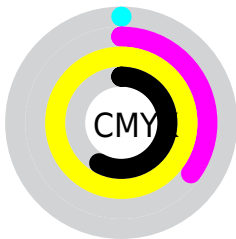
Blue (0%)



Red (23%)

Yellow (42%)

Blue (0%)

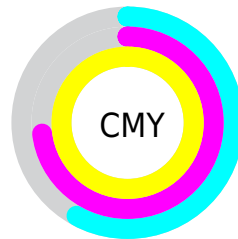


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (73%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C4600 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 6C4600 by changing the saturation by 10% instead.



 6C4600

 6C4600

 FFFFED

 523000

 A47634

 371B00

 C0904C

 1F0200

 DEAA65

 000000

 FCC57F

 FFE19A

 FFFE85

 FFFFD1

 6C4600

 6C4A0B

 6C4E16

 6C5120

 6C552B

 6C5936

 6C5D41

 6C614C

 6C6456

 6C6861

# Harmonies

## Analogous

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



82371D



6C4600



4D5200

# Triad

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



6C4600



005E5F



663C7F

# Complementary

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



6C4600



00266C

# 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.



264C91



6C4600



005C7F

# Square

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



6C4600



005D3B



005691



832D60

# Rectangle

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



6C4600



34570D



005691



564287



# Sweetspot

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



6C4600



8C7D62



6C0028



473E2E



C7C7C7



474747



# Same Dimension

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



6C4600



8C5B00



5E6C00



363430



754C00



F59F00



# Inverse Universe

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



00266C



00318C



0E006C



303236



002975

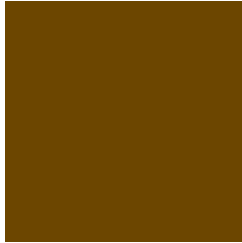


0056F5



# Previews

## White Background



This preview shows how the Hex color 6C4600 looks on a white background.

## Color Contrast Check

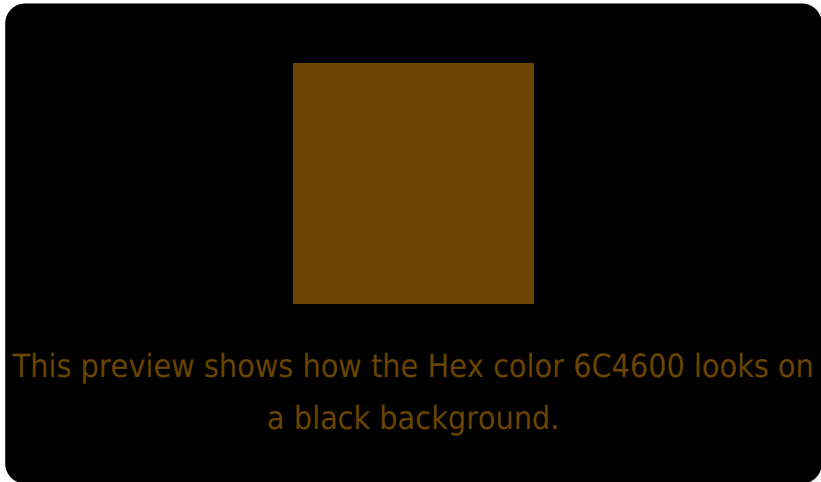
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C4600 Background



This preview shows how black text looks on a background with the Hex color 6C4600.



This preview shows how white text looks on a background with the Hex color 6C4600.

# 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**  
6C4600

**Protanopia**  
584F08

**Deuteranopia**  
634A00



**Tritanopia**  
6F4146

# Trichromacy



**Original Color**  
6C4600

**Protanomaly**  
5F4C05

**Deuteranomaly**  
664900

**Tritanomaly**  
6E432D

# Monochromacy



**Original Color**  
6C4600

**Achromatopsia**  
494949

**Achromatomaly**  
56482E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C4600 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 #6C4600 looks like.

```
.text, #text, p{  
    color:#6C4600  
}
```

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 #6C4600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C4600
}
```

## Border

The CSS property to change the border of an element to Hex 6C4600 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
#6C4600 }
```

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

```
.border{ border-color:#6C4600 }
```

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

Here you see how a box with a 4 pixel #6C4600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C4600; -webkit-box-shadow:4px 4px  
4px 4px #6C4600; box-shadow:4px 4px 4px  
4px #6C4600 }
```

# Background

The CSS property to change the background color of an element to Hex 6C4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C4600 }
```

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

```
.background{ background-color:#6C4600 }
```

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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