

# Converting Colors

Hex(6B300C)

Have a look what the booklet for  
Hex(6B300C) contains.

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**Color**

**Hex(6B300C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B300C
RGB	107, 48, 12
RGB Percent	42%, 19%, 5%
CMY	0.5804, 0.8118, 0.9529
CMYK	0.00, 0.55, 0.89, 0.58
HSL	23°, 80%, 23%
HSV	23°, 89%, 42%
XYZ	7.1867, 5.2662, 0.9855
YIQ	61.5370, 46.7200, 1.3120

# Conversions

## Conversions Part 2

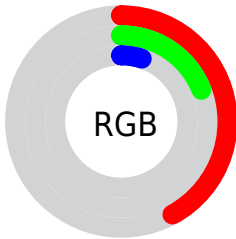
Format	Color
<b>RYB</b>	107, 70, 12
Decimal	7024652
CIELab	27.48, 24.02, 33.29
CIELCh	27, 41.045, 54.189
Yxy	5.2662, 0.5348, 0.3919
Android (android.graphics.Color)	4285214732 (0xFF6B300C)
YUV	61.5370, -24.4217, 39.8711
Hunter-Lab	22.9483, 15.7413, 13.5176

# Details

The Hex color **6B300C** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0C476B**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **A35F39**, and **350400** is the 20% darker color. If you saturate the color by 10%, you get **6B2901**, and if you desaturate by 10%, it is **6B3717**.

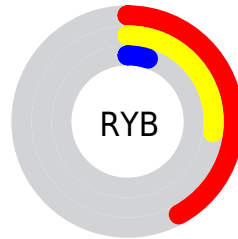
# Distribution



Red (42%)

Green (19%)

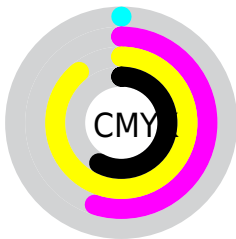
Blue (5%)



Red (42%)

Yellow (27%)

Blue (5%)

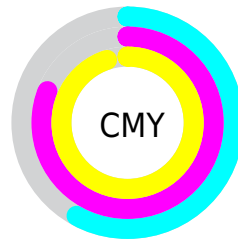


Cyan (0%)

Magenta (55%)

Yellow (89%)

Black (58%)



Cyan (58%)

Magenta (81%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B300C 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 6B300C by changing the saturation by 10% instead.



 6B300C

 6B300C

 FFFFFF1

 501900

 A35F39

 350400

 C07951

 1A0001

 DE936A

 000000

 FCAD83

 FFC99D

 FFE5B8

 FFFFD4

 6B300C

 6B300C

■ 6B2901

■ 6B3717

■ 6B2900

■ 6B3D21

■ 6B442C

■ 6B4B37

■ 6B5142

■ 6B584C

■ 6B5F57

■ 6B6562

■ 6B6C6C

# Harmonies

## Analogous

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



772229



6B300C



553D00

# Triad

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



6B300C



004F3A



333B7B

# Complementary

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



6B300C



0C476B

# 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.



004780



6B300C



004F5A

# Square

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



6B300C



014C19



004D74



602C66

# Rectangle

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



6B300C



424400



004D74



12407E



# Sweetspot

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



6B300C



8C7566



6B0C48



473931



C7C7C7



474747



# Same Dimension

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



6B300C



8C3500



6B5E0C



363230



752C00



F55D00



# Inverse Universe

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



0C476B



00578C



0C196B



303436



004975



0098F5



# Previews

## White Background



This preview shows how the Hex color 6B300C looks on a white background.

## Color Contrast Check

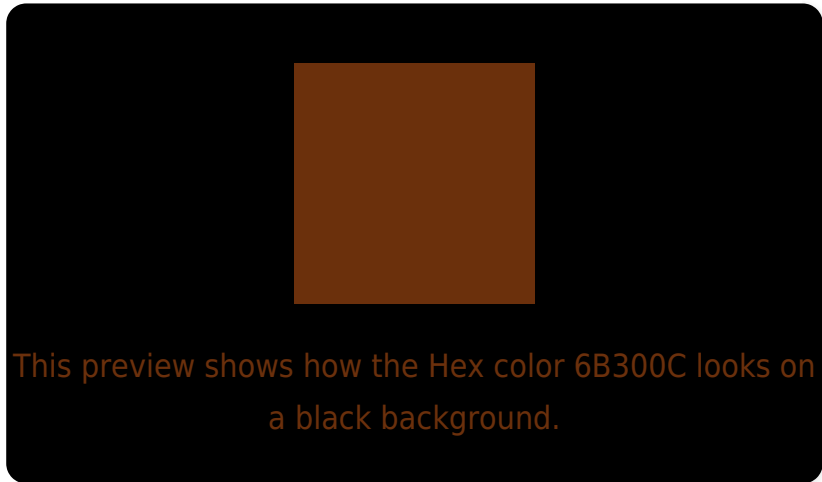
Large Text (above 18pt) WCAG AA ✓ Pass

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

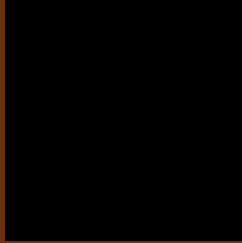
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B300C Background



This preview shows how black text looks on a background with the Hex color 6B300C.



This preview shows how white text looks on a background with the Hex color 6B300C.

# 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**  
6B300C

**Protanopia**  
4A211

**Deuteranopia**  
533E00



**Tritanopia**  
6C2D30

# Trichromacy



**Original Color**  
6B300C

**Protanomaly**  
563B0F

**Deuteranomaly**  
5C3904

**Tritanomaly**  
6C2E23

# Monochromacy



**Original Color**  
6B300C

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
4E392C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B300C 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 #6B300C looks like.

```
.text, #text, p{  
    color:#6B300C  
}
```

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 #6B300C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B300C
}
```

## Border

The CSS property to change the border of an element to Hex 6B300C is called "border". The border property can be set on classes, ids or directly on the HTML element.

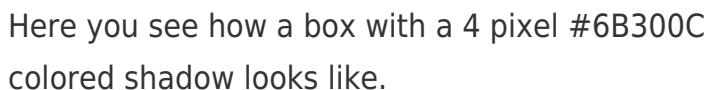
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B300C }
```

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

```
.border{ border-color:#6B300C }
```

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



Here you see how a box with a 4 pixel #6B300C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B300C; -webkit-box-shadow:4px 4px  
4px 4px #6B300C; box-shadow:4px 4px 4px  
4px #6B300C }
```

# Background

The CSS property to change the background color of an element to Hex 6B300C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B300C }
```

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

```
.background{ background-color:#6B300C }
```

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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