

# Converting Colors

Hex(6B250C)

Have a look what the booklet for  
Hex(6B250C) contains.

<b>Hex(6B250C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6B250C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B250C
RGB	107, 37, 12
RGB Percent	42%, 15%, 5%
CMY	0.5804, 0.8549, 0.9529
CMYK	0.00, 0.65, 0.89, 0.58
HSL	16°, 80%, 23%
HSV	16°, 89%, 42%
XYZ	6.7913, 4.4755, 0.8537
YIQ	55.0800, 49.7450, 7.0650

# Conversions

## Conversions Part 2

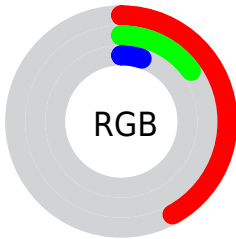
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 46, 12
Decimal	7021836
CIE Lab	25.18, 29.96, 31.21
CIE LCh	25, 43.262, 46.173
Yxy	4.4755, 0.5603, 0.3692
Android (android.graphics.Color)	4285211916 (0xFF6B250C)
YUV	55.0800, -21.2384, 45.5338
Hunter-Lab	21.1553, 20.2807, 12.4160

# Details

The Hex color **6B250C** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0C526B**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **A45538**, and **350000** is the 20% darker color. If you saturate the color by 10%, you get **6B1D01**, and if you desaturate by 10%, it is **6B2D17**.

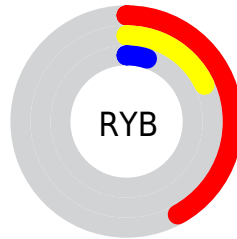
# Distribution



Red (42%)

Green (15%)

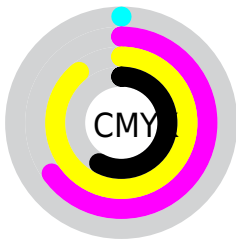
Blue (5%)



Red (42%)

Yellow (18%)

Blue (5%)

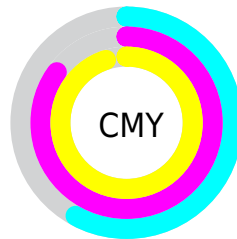


Cyan (0%)

Magenta (65%)

Yellow (89%)

Black (58%)



Cyan (58%)

Magenta (85%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B250C 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 6B250C by changing the saturation by 10% instead.



 6B250C

 6B250C

 FFFFEF

 500C00

 A45538

 350000

 C16E50

 150000

 DF8868

 000000

 FDA381

 FFBE9C

 FFDAB7

 FFF7D2

 6B250C

 6B250C

■ 6B1D01

■ 6B2D17

■ 6B1C00

■ 6B3521

■ 6B3D2C

■ 6B4537

■ 6B4C42

■ 6B544C

■ 6B5C57

■ 6B6462

■ 6B6C6C

# Harmonies

## Analogous

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



75152C



6B250C



563500

# Triad

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



6B250C



00492B



083A7B

# Complementary

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



6B250C



0C526B

# 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.



00447C



6B250C



004A4D

# Square

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



6B250C



0C4607



00496B



532A6A

# Rectangle

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



6B250C



443C00



00496B



003E7D



# Sweetspot

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



6B250C



8C7066



6B0C53



473731



C7C7C7



474747



# Same Dimension

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



6B250C



8C2500



6B530C



363230



751F00



F54000



# Inverse Universe

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



0C526B



00678C



0C246B



303436



005675

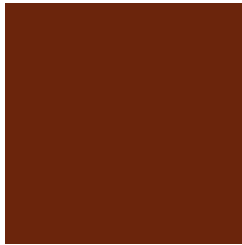


00B4F5



# Previews

## White Background



This preview shows how the Hex color 6B250C looks on a white background.

## Color Contrast Check

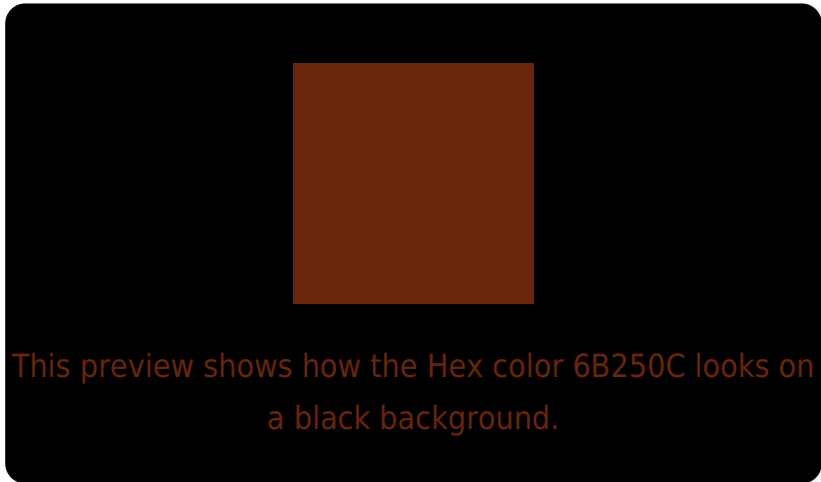
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B250C Background



This preview shows how black text looks on a background with the Hex color 6B250C.



This preview shows how white text looks on a background with the Hex color 6B250C.

# 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**  
6B250C

**Protanopia**  
443D12

**Deuteranopia**  
4D3A00



**Tritanopia**  
6C2325

# Trichromacy



**Original Color**  
6B250C

**Protanomaly**  
523410

**Deuteranomaly**  
583204

**Tritanomaly**  
6C241C

# Monochromacy



**Original Color**  
6B250C

**Achromatopsia**  
373737

**Achromatomaly**  
4A3027

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B250C 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 #6B250C looks like.

```
.text, #text, p{  
    color:#6B250C  
}
```

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 #6B250C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B250C }  
}
```

## Border

The CSS property to change the border of an element to Hex 6B250C is called "border". The border property can be set on classes, ids or directly on the HTML element.

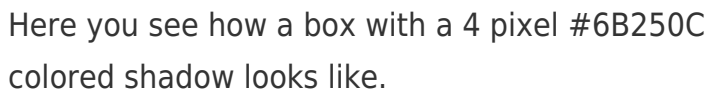
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #6B250C }  
}
```

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

```
.border{ border-color:#6B250C }
```

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



Here you see how a box with a 4 pixel #6B250C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B250C; -webkit-box-shadow:4px 4px  
4px 4px #6B250C; box-shadow:4px 4px 4px  
4px #6B250C }
```

# Background

The CSS property to change the background color of an element to Hex 6B250C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B250C }
```

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

```
.background{ background-color:#6B250C }
```

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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