

# Converting Colors

Hex(6B210E)

Have a look what the booklet for  
Hex(6B210E) contains.

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**Color**

**Hex(6B210E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B210E
RGB	107, 33, 14
RGB Percent	42%, 13%, 5%
CMY	0.5804, 0.8706, 0.9451
CMYK	0.00, 0.69, 0.87, 0.58
HSL	12°, 77%, 24%
HSV	12°, 87%, 42%
XYZ	6.6865, 4.2452, 0.8825
YIQ	52.9600, 50.2030, 9.7790

# Conversions

## Conversions Part 2

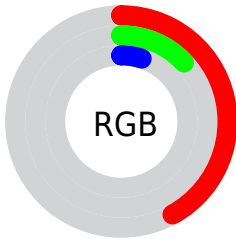
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 38, 14
Decimal	7020814
CIELab	24.47, 31.98, 29.56
CIELCh	24, 43.552, 42.745
Yxy	4.2452, 0.5660, 0.3593
Android (android.graphics.Color)	4285210894 (0xFF6B210E)
YUV	52.9600, -19.2073, 47.3931
Hunter-Lab	20.6039, 21.8712, 11.8834

# Details

The Hex color **6B210E** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0E586B**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **A4523A**, and **350000** is the 20% darker color. If you saturate the color by 10%, you get **6B1803**, and if you desaturate by 10%, it is **6B2A19**.

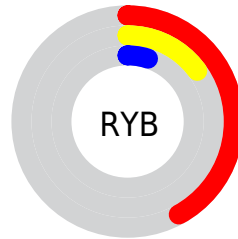
# Distribution



Red (42%)

Green (13%)

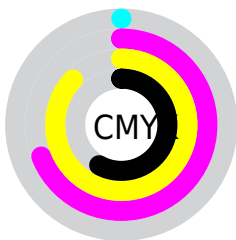
Blue (5%)



Red (42%)

Yellow (15%)

Blue (5%)

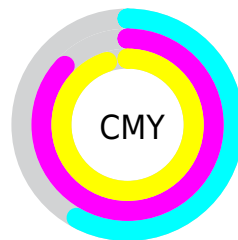


Cyan (0%)

Magenta (69%)

Yellow (87%)

Black (58%)



Cyan (58%)

Magenta (87%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B210E 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 6B210E by changing the saturation by 10% instead.



 6B210E

 6B210E

 FFFFF0

 500600

 A4523A

 350000

 C16B51

 130000

 DF8569

 000000

 FD9F83

 FFBB9D

 FFD7B8

 FFF3D4

 6B210E

 6B210E

■ 6B1803

■ 6B2A19

■ 6B1600

■ 6B3223

■ 6B3B2E

■ 6B4339

■ 6B4C43

■ 6B544E

■ 6B5D59

■ 6B6564

■ 6B6E6E

# Harmonies

## Analogous

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



73112E



6B210E



583100

# Triad

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



6B210E



004725



003A7B

# Complementary

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



6B210E



0E586B

# 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.



004379



6B210E



004848

# Square

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



6B210E



124401



004766



4C2A6B

# Rectangle

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



6B210E



463A00



004766



003D7C



# Sweetspot

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



6B210E



8C6F68



6B0E58



473631



C7C7C7



474747



# Same Dimension

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



6B210E



8C1D00



6B4F0E



363130



751800



F53200



# Inverse Universe

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



0E586B



00708C



0E2A6B



303436



005D75

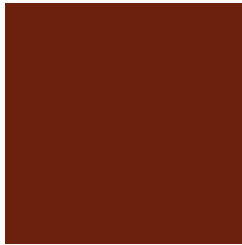


00C3F5



# Previews

## White Background



This preview shows how the Hex color 6B210E looks on a white background.

## Color Contrast Check

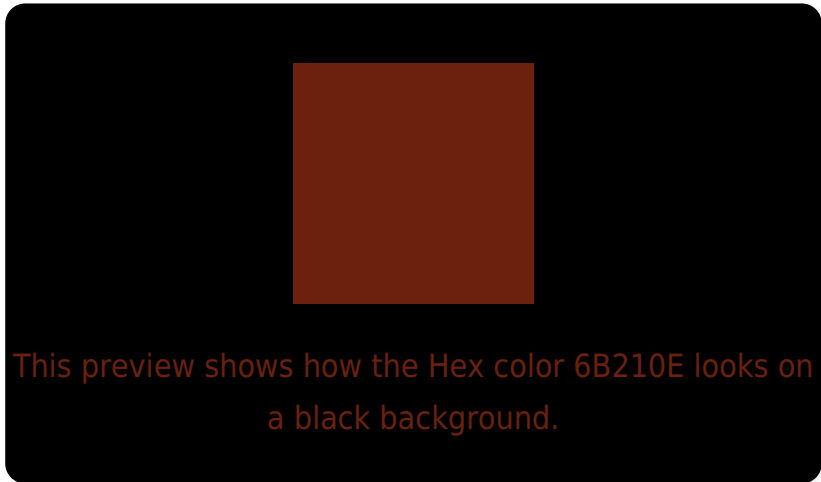
Large Text (above 18pt) WCAG AA ✓ Pass

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

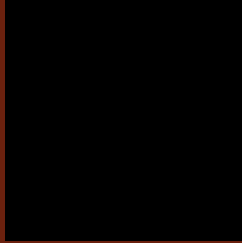
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B210E Background



This preview shows how black text looks on a background with the Hex color 6B210E.



This preview shows how white text looks on a background with the Hex color 6B210E.

# 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**  
6B210E

**Protanopia**  
433C15

**Deuteranopia**  
4B3900



**Tritanopia**  
6B1F20

# Trichromacy



**Original Color**  
6B210E

**Protanomaly**  
523212

**Deuteranomaly**  
573005

**Tritanomaly**  
6B2019

# Monochromacy



**Original Color**  
6B210E

**Achromatopsia**  
353535

**Achromatomaly**  
492E27

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B210E 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 #6B210E looks like.

```
.text, #text, p{  
    color:#6B210E  
}
```

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 #6B210E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B210E
}
```

## Border

The CSS property to change the border of an element to Hex 6B210E is called "border". The border property can be set on classes, ids or directly on the HTML element.

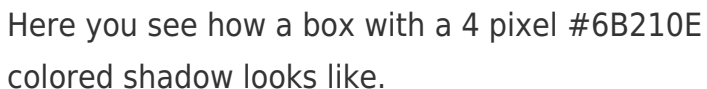
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B210E }
```

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

```
.border{ border-color:#6B210E }
```

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



Here you see how a box with a 4 pixel #6B210E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B210E; -webkit-box-shadow:4px 4px  
4px 4px #6B210E; box-shadow:4px 4px 4px  
4px #6B210E }
```

# Background

The CSS property to change the background color of an element to Hex 6B210E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B210E }
```

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

```
.background{ background-color:#6B210E }
```

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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