

# Converting Colors

Hex(6B5C0A)

Have a look what the booklet for  
Hex(6B5C0A) contains.

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**Color**

**Hex(6B5C0A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B5C0A
RGB	107, 92, 10
RGB Percent	42%, 36%, 4%
CMY	0.5804, 0.6392, 0.9608
CMYK	0.00, 0.14, 0.91, 0.58
HSL	51°, 83%, 23%
HSV	51°, 91%, 42%
XYZ	9.9453, 10.8020, 1.8480
YIQ	87.1370, 35.2620, -22.3220

# Conversions

## Conversions Part 2

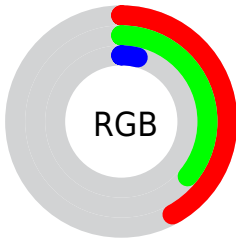
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 107, 10
Decimal	7035914
CIE Lab	39.24, -2.51, 43.85
CIE LCh	39, 43.924, 93.280
Yxy	10.8020, 0.4402, 0.4781
Android (android.graphics.Color)	4285225994 (0xFF6B5C0A)
YUV	87.1370, -38.0285, 17.4199
Hunter-Lab	32.8664, -3.5023, 19.6728

# Details

The Hex color **6B5C0A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0A196B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A18E3F**, and **382F00** is the 20% darker color. If you saturate the color by 10%, you get **6B5A00**, and if you desaturate by 10%, it is **6B5E15**.

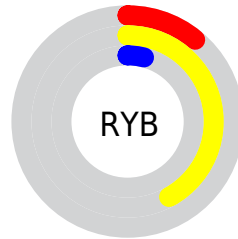
# Distribution



Red (42%)

Green (36%)

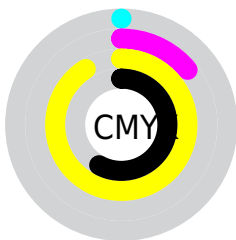
Blue (4%)



Red (11%)

Yellow (42%)

Blue (4%)

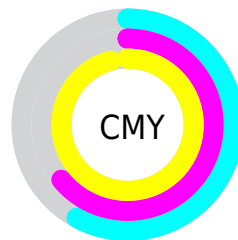


Cyan (0%)

Magenta (14%)

Yellow (91%)

Black (58%)



Cyan (58%)

Magenta (64%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B5C0A 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 6B5C0A by changing the saturation by 10% instead.



 6B5C0A

 6B5C0A

 FFFFFC

 514500

 A18E3F

 382F00

 BEA858

 1F1A00

 DAC372

 000000

 F8DF8C

 FFFCA7

 FFFFC2

 FFFFDF

 6B5C0A

 6B5C0A

■ 6B5A00

■ 6B5E15

■ 6B5F1F

■ 6B612A

■ 6B6335

■ 6B6440

■ 6B664A

■ 6B6855

■ 6B6960

■ 6B6B6A

# Harmonies

## Analogous

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



884F1A



6B5C0A



46661B

# Triad

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



6B5C0A



006D83



8B427D

# Complementary

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



6B5C0A



0A196B

# 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.



625198



6B5C0A



00689C

# Square

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



6B5C0A



006D5F



005FA4



9C3A5A

# Rectangle

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



6B5C0A



246A2F



005FA4



804788



# Sweetspot

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



6B5C0A



8C8666



6B0A1A



474431



C7C7C7



474747



# Same Dimension

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



6B5C0A



8C7700



4B6B0A



363530



756300



F5CF00



# Inverse Universe

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



0A196B



00168C



2A0A6B



303136



001275

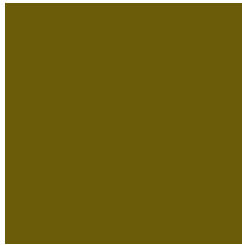


0026F5



# Previews

## White Background



This preview shows how the Hex color 6B5C0A looks on a white background.

## Color Contrast Check

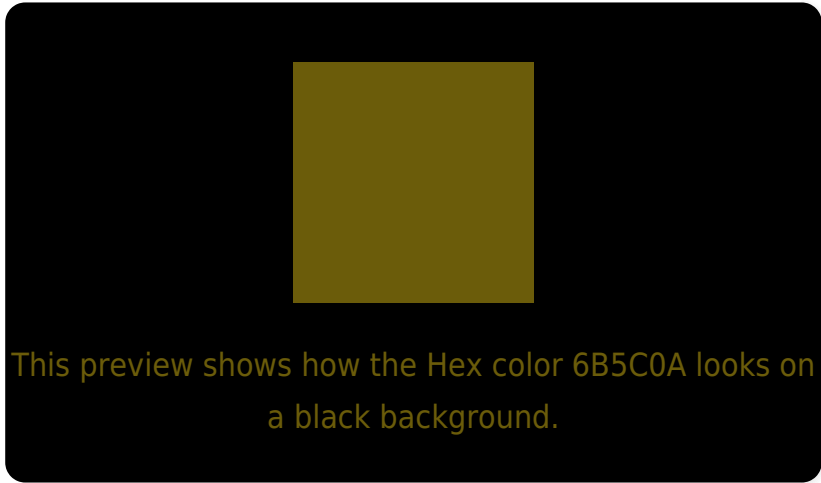
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

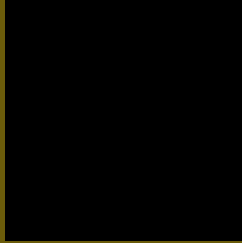
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B5C0A Background



This preview shows how black text looks on a background with the Hex color 6B5C0A.



This preview shows how white text looks on a background with the Hex color 6B5C0A.

# 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**  
6B5C0A

**Protanopia**  
695D0A

**Deuteranopia**  
75580E



**Tritanopia**  
70565C

# Trichromacy



**Original Color**  
6B5C0A

**Protanomaly**  
6A5D0A

**Deuteranomaly**  
71590D

**Tritanomaly**  
6E583E

# Monochromacy



**Original Color**  
6B5C0A

**Achromatopsia**  
575757

**Achromatomaly**  
5E593B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B5C0A 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 #6B5C0A looks like.

```
.text, #text, p{  
    color:#6B5C0A  
}
```

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 #6B5C0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5C0A
}
```

## Border

The CSS property to change the border of an element to Hex 6B5C0A 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
#6B5C0A }
```

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

```
.border{ border-color:#6B5C0A }
```

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

Here you see how a box with a 4 pixel #6B5C0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5C0A; -webkit-box-shadow:4px 4px  
4px 4px #6B5C0A; box-shadow:4px 4px 4px  
4px #6B5C0A }
```

# Background

The CSS property to change the background color of an element to Hex 6B5C0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5C0A }
```

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

```
.background{ background-color:#6B5C0A }
```

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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