

# Converting Colors

Hex(6B5038)

Have a look what the booklet for  
Hex(6B5038) contains.

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**Color**

**Hex(6B5038)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B5038
RGB	107, 80, 56
RGB Percent	42%, 31%, 22%
CMY	0.5804, 0.6863, 0.7804
CMYK	0.00, 0.25, 0.48, 0.58
HSL	28°, 31%, 32%
HSV	28°, 48%, 42%
XYZ	9.6459, 9.1486, 4.9989
YIQ	85.3370, 23.7960, -1.7400

# Conversions

## Conversions Part 2

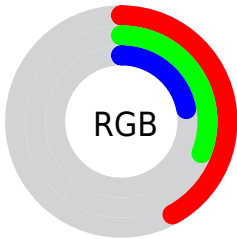
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 101, 56
Decimal	7032888
CIE Lab	36.27, 7.93, 18.50
CIE LCh	36, 20.130, 66.814
Yxy	9.1486, 0.4054, 0.3845
Android (android.graphics.Color)	4285222968 (0xFF6B5038)
YUV	85.3370, -14.4631, 18.9985
Hunter-Lab	30.2467, 3.9930, 11.3739

# Details

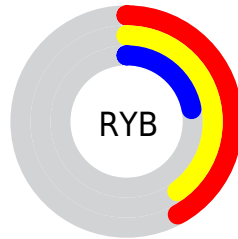
The Hex color **6B5038** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **38536B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A08167**, and **3A240D** is the 20% darker color. If you saturate the color by 10%, you get **6B4A2D**, and if you desaturate by 10%, it is **6B5643**.

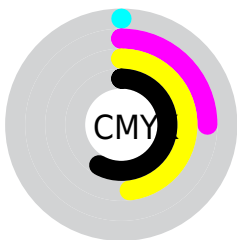
# Distribution



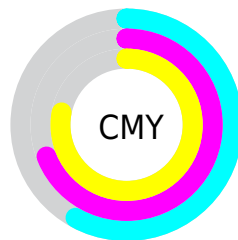
- Red (42%)
- Green (31%)
- Blue (22%)



- Red (42%)
- Yellow (40%)
- Blue (22%)



- Cyan (0%)
- Magenta (25%)
- Yellow (48%)
- Black (58%)



- Cyan (58%)
- Magenta (69%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B5038 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 6B5038 by changing the saturation by 10% instead.



 6B5038

 6B5038

FFFFFF

 523922

 A08167

 3A240D

 BB9B80

 230F00

 D7B69A


 000000

 F4D2B5

 FFEED1

 FFFFED

 6B5038

 6B5038

 6B4A2D

 6B5643

 6B4523

 6B5B4D

 6B3F18

 6B6158

 6B390D

 6B6763

 6B3403

 6B6C6E

 6B3200

 6B7278

 6B7883

 6B7D8E

 6B8398

# Harmonies

## Analogous

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



744B43



6B5038



5D5635

# Triad

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



6B5038



255E59



5C506F

# Complementary

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



6B5038



38536B

# 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.



455675



6B5038



1D5D68

# Square

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



6B5038



385D48



2C5A73



6D4B62

# Rectangle

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



6B5038



515938



2C5A73



555272



# Sweetspot

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



6B5038



8C8279



6B3853



47413B



C7C7C7



474747



# Same Dimension

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



6B5038



8C623C



6B6938



363330



753700



F57300



# Inverse Universe

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



38536B



3C678C



383A6B



303336



003E75



0082F5



# Previews

## White Background



This preview shows how the Hex color 6B5038 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

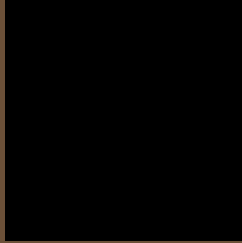
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B5038 Background



This preview shows how black text looks on a background with the Hex color 6B5038.



This preview shows how white text looks on a background with the Hex color 6B5038.

# 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**  
6B5038

**Protanopia**  
5D563A

**Deuteranopia**  
675238



**Tritanopia**  
6D4D52

# Trichromacy



**Original Color**  
6B5038

**Protanomaly**  
625439

**Deuteranomaly**  
685138

**Tritanomaly**  
6C4E49

# Monochromacy



**Original Color**  
6B5038

**Achromatopsia**  
555555

**Achromatomaly**  
5D534A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B5038 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 #6B5038 looks like.

```
.text, #text, p{  
    color:#6B5038  
}
```

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 #6B5038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5038
}
```

## Border

The CSS property to change the border of an element to Hex 6B5038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

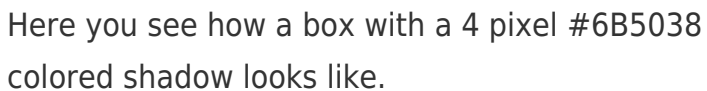
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B5038 }
```

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

```
.border{ border-color:#6B5038 }
```

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



Here you see how a box with a 4 pixel #6B5038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5038; -webkit-box-shadow:4px 4px  
4px 4px #6B5038; box-shadow:4px 4px 4px  
4px #6B5038 }
```

# Background

The CSS property to change the background color of an element to Hex 6B5038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5038 }
```

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

```
.background{ background-color:#6B5038 }
```

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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