

# Converting Colors

Hex(6B5031)

Have a look what the booklet for  
Hex(6B5031) contains.

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**Color**

**Hex(6B5031)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B5031
RGB	107, 80, 49
RGB Percent	42%, 31%, 19%
CMY	0.5804, 0.6863, 0.8078
CMYK	0.00, 0.25, 0.54, 0.58
HSL	32°, 37%, 31%
HSV	32°, 54%, 42%
XYZ	9.4864, 9.0849, 4.1593
YIQ	84.5390, 26.0430, -3.9170

# Conversions

## Conversions Part 2

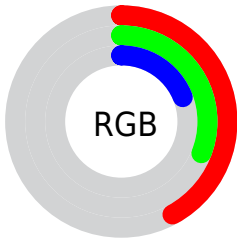
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 107, 49
Decimal	7032881
CIE <sub>Lab</sub>	36.15, 7.16, 22.55
CIE <sub>LCh</sub>	36, 23.661, 72.390
Yxy	9.0849, 0.4173, 0.3997
Android (android.graphics.Color)	4285222961 (0xFF6B5031)
YUV	84.5390, -17.5207, 19.6983
Hunter-Lab	30.1411, 3.4331, 12.9171

# Details

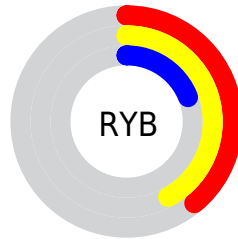
The Hex color **6B5031** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **314C6B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A08160**, and **3A2403** is the 20% darker color. If you saturate the color by 10%, you get **6B4B26**, and if you desaturate by 10%, it is **6B553C**.

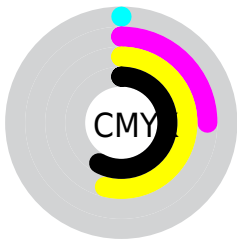
# Distribution



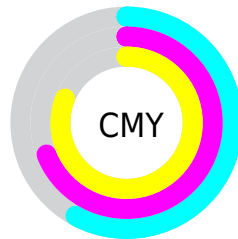
- Red (42%)
- Green (31%)
- Blue (19%)



- Red (39%)
- Yellow (42%)
- Blue (19%)



- Cyan (0%)
- Magenta (25%)
- Yellow (54%)
- Black (58%)



- Cyan (58%)
- Magenta (69%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B5031 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 6B5031 by changing the saturation by 10% instead.





6B5031



6B5031

FFFFFF



52391B



A08160



3A2403



BC9B79



220F00



D8B693



000000



F5D2AD



FFEEC9



FFFFE5



6B5031



6B5031



6B4B26



6B553C

 6B461C

 6B5A46

 6B4111

 6B5F51

 6B3C06

 6B645C

 6B3900

 6B6967

 6B6E71

 6B737C

 6B7887

 6B7D91

# Harmonies

## Analogous

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



774A3C



6B5031



5A562F

# Triad

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



6B5031



0E5F5C



614D71

# Complementary

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



6B5031



314C6B

# 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.



46547A



6B5031



005E6E

# Square

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



6B5031



2C5E49



245A79



734861

# Rectangle

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



6B5031



4C5A34



245A79



595075



# Sweetspot

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



6B5031



8C8276



6B314C



47413A



C7C7C7



474747



# Same Dimension

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



6B5031



8C6231



696B31



363330



753F00



F58300



# Inverse Universe

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



314C6B



315C8C



33316B



303336



003775



0072F5



# Previews

## White Background



This preview shows how the Hex color 6B5031 looks on a white background.

## Color Contrast Check

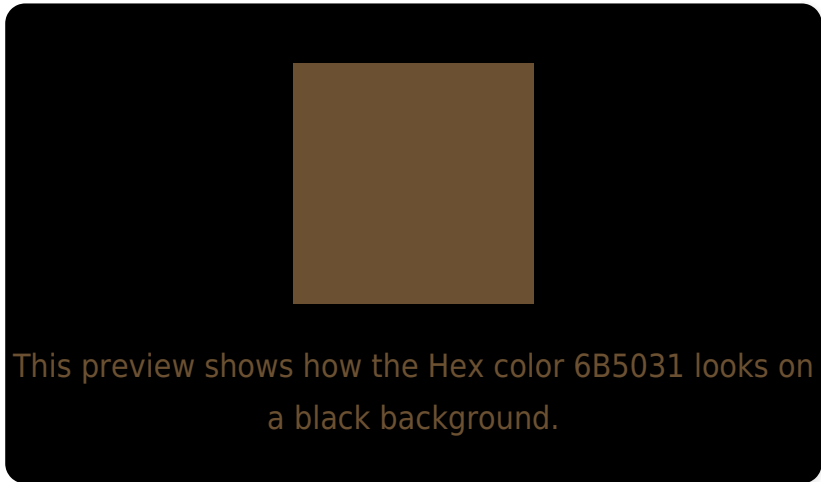
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B5031 Background



This preview shows how black text looks on a background with the Hex color 6B5031.



This preview shows how white text looks on a background with the Hex color 6B5031.

# 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**  
6B5031

**Protanopia**  
5D5533

**Deuteranopia**  
685131



**Tritanopia**  
6E4C52

# Trichromacy



**Original Color**  
6B5031

**Protanomaly**  
625332

**Deuteranomaly**  
695131

**Tritanomaly**  
6D4D46

# Monochromacy



**Original Color**  
6B5031

**Achromatopsia**  
555555

**Achromatomaly**  
5D5348

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B5031 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 #6B5031 looks like.

```
.text, #text, p{  
    color:#6B5031  
}
```

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 #6B5031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5031
}
```

## Border

The CSS property to change the border of an element to Hex 6B5031 is called "border". The border property can be set on classes, ids or directly on the HTML element.

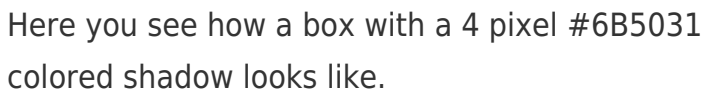
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B5031 }
```

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

```
.border{ border-color:#6B5031 }
```

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



Here you see how a box with a 4 pixel #6B5031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5031; -webkit-box-shadow:4px 4px  
4px 4px #6B5031; box-shadow:4px 4px 4px  
4px #6B5031 }
```

# Background

The CSS property to change the background color of an element to Hex 6B5031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5031 }
```

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

```
.background{ background-color:#6B5031 }
```

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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