

Converting Colors

Hex(6B5634)

Have a look what the booklet for
Hex(6B5634) contains.

Hex(6B5634)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6B5634)

Conversions

Conversions Part 1

Format	Color
Hex	6B5634
RGB	107, 86, 52
RGB Percent	42%, 34%, 20%
CMY	0.5804, 0.6627, 0.7961
CMYK	0.00, 0.20, 0.51, 0.58
HSL	37°, 35%, 31%
HSV	37°, 51%, 42%
XYZ	10.0110, 10.0293, 4.6570
YIQ	88.4030, 23.4300, -6.1220

Conversions

Conversions Part 2

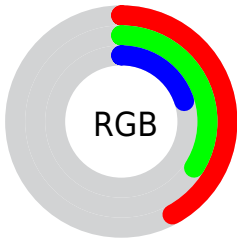
Format	Color
R_{YB}	86, 107, 52
Decimal	7034420
CIE _{Lab}	37.89, 3.82, 22.98
CIE _{LCh}	38, 23.295, 80.553
Yxy	10.0293, 0.4053, 0.4061
Android (android.graphics.Color)	4285224500 (0xFF6B5634)
YUV	88.4030, -17.9467, 16.3096
Hunter-Lab	31.6691, 1.0054, 13.4496

Details

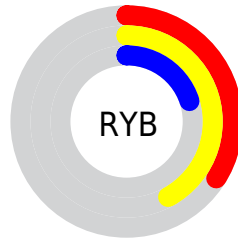
The Hex color **6B5634** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **34496B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A08863**, and **3A2907** is the 20% darker color. If you saturate the color by 10%, you get **6B5229**, and if you desaturate by 10%, it is **6B5A3F**.

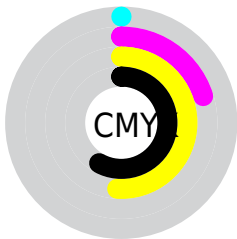
Distribution



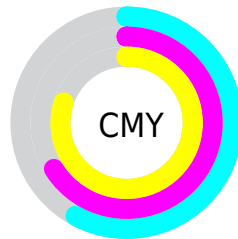
- Red (42%)
- Green (34%)
- Blue (20%)



- Red (34%)
- Yellow (42%)
- Blue (20%)



- Cyan (0%)
- Magenta (20%)
- Yellow (51%)
- Black (58%)



- Cyan (58%)
- Magenta (66%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B5634 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 6B5634 by changing the saturation by 10% instead.



6B5634



6B5634

FFFFFF



523F1E



A08863



3A2907



BBA27C



231500



D7BD96



000000



F4D9B1



FFF5CD



FFFFE9



6B5634



6B5634



6B5229



6B5A3F

 6B4E1F

 6B5E49

 6B4A14

 6B6254

 6B4609

 6B665F

 6B4200

 6B6A6A

 6B6F74

 6B737F

 6B778A

 6B7B94

Harmonies

Analogous

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



78503D



6B5634



595C35

Triad

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



6B5634



116366



6B5071

Complementary

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



6B5634



34496B

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.



53577C



6B5634



146176

Square

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



6B5634



2B6352



345D7E



7A4B60

Rectangle

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



6B5634



4A5F3C



345D7E



645276

Sweetspot

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



6B5634



8C8477



6B3449



47423B



C7C7C7



474747

Same Dimension

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



6B5634



8C6B35



656B34



363430



754900



F59700

Inverse Universe

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



34496B



35568C



3A346B



303236



002D75



005DF5

Previews

White Background



This preview shows how the Hex color 6B5634 looks on a white background.

Color Contrast Check

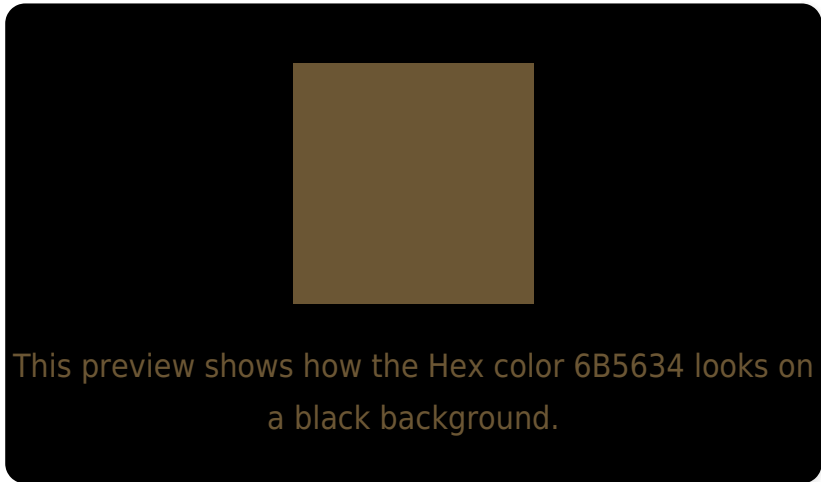
Large Text (above 18pt) WCAG AA ✓ Pass

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

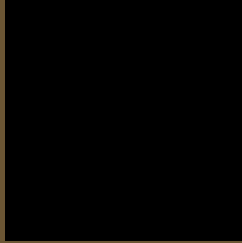
Any Text WCAG AA × Fail

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 6B5634 Background



This preview shows how black text looks on a background with the Hex color 6B5634.



This preview shows how white text looks on a background with the Hex color 6B5634.

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
6B5634

Protanopia
625935

Deuteranopia
6D5534



Tritanopia
6E5258

Trichromacy



Original Color
6B5634

Protanomaly
655835

Deuteranomaly
6C5534

Tritanomaly
6D534B

Monochromacy



Original Color
6B5634

Achromatopsia
585858

Achromatomaly
5F574B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B5634 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 #6B5634 looks like.

```
.text, #text, p{  
    color:#6B5634  
}
```

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 #6B5634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5634
}
```

Border

The CSS property to change the border of an element to Hex 6B5634 is called "border". The border property can be set on classes, ids or directly on the HTML element.

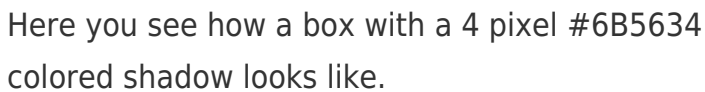
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B5634 }
```

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

```
.border{ border-color:#6B5634 }
```

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



Here you see how a box with a 4 pixel #6B5634 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5634; -webkit-box-shadow:4px 4px  
4px 4px #6B5634; box-shadow:4px 4px 4px  
4px #6B5634 }
```

Background

The CSS property to change the background color of an element to Hex 6B5634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5634 }
```

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

```
.background{ background-color:#6B5634 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor