

Converting Colors

Hex(6B5B38)

Have a look what the booklet for
Hex(6B5B38) contains.

Hex(6B5B38)	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(6B5B38)

Conversions

Conversions Part 1

Format	Color
Hex	6B5B38
RGB	107, 91, 56
RGB Percent	42%, 36%, 22%
CMY	0.5804, 0.6431, 0.7804
CMYK	0.00, 0.15, 0.48, 0.58
HSL	41°, 31%, 32%
HSV	41°, 48%, 42%
XYZ	10.5183, 10.8935, 5.2897
YIQ	91.7940, 20.7710, -7.4930

Conversions

Conversions Part 2

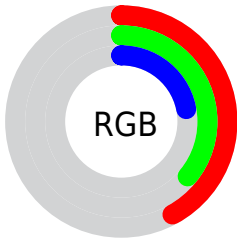
Format	Color
RYB	79, 107, 56
Decimal	7035704
CIELab	39.40, 1.26, 22.54
CIElCh	39, 22.576, 86.808
Yxy	10.8935, 0.3939, 0.4080
Android (android.graphics.Color)	4285225784 (0xFF6B5B38)
YUV	91.7940, -17.6464, 13.3357
Hunter-Lab	33.0053, -0.8740, 13.6015

Details

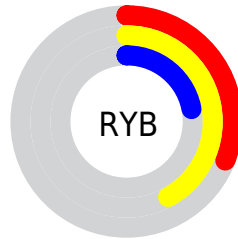
The Hex color **6B5B38** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **38486B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **A08D68**, and **3A2E0C** is the 20% darker color. If you saturate the color by 10%, you get **6B582D**, and if you desaturate by 10%, it is **6B5E43**.

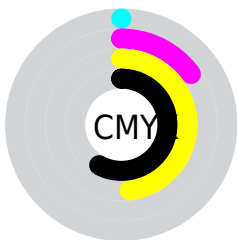
Distribution



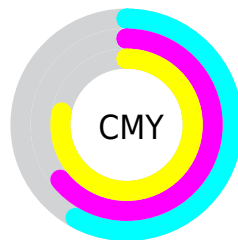
- Red (42%)
- Green (36%)
- Blue (22%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (48%)
- Black (58%)



- Cyan (58%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B5B38 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 6B5B38 by changing the saturation by 10% instead.



6B5B38



6B5B38

FFFFFF



524422



A08D68



3A2E0C



BBA781



241900



D7C39B



000000



F4DEB6



FFFBD2



FFFEE



6B5B38



6B5B38



6B582D



6B5E43

■ 6B5423

■ 6B624D

■ 6B5118

■ 6B6558

■ 6B4E0D

■ 6B6863

■ 6B4A03

■ 6B6C6E

■ 6B4900

■ 6B6F78

■ 6B7283

■ 6B768E

■ 6B7998

Harmonies

Analogous

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



79553F



6B5B38



58613B

Triad

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



6B5B38



19666D



725271

Complementary

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



6B5B38



38486B

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.



5C597E



6B5B38



23647B

Square

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



6B5B38



2C675A



405F81



7F4F60

Rectangle

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



6B5B38



4A6443



405F81



6C5476

Sweetspot

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



6B5B38



8C8679



6B3848



47443B



C7C7C7



474747

Same Dimension

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



6B5B38



8C733C



626B38



363430



755100



F5A800

Inverse Universe

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



38486B



3C558C



41386B



303236



002575



004DF5

Previews

White Background



This preview shows how the Hex color 6B5B38 looks on a white background.

Color Contrast Check

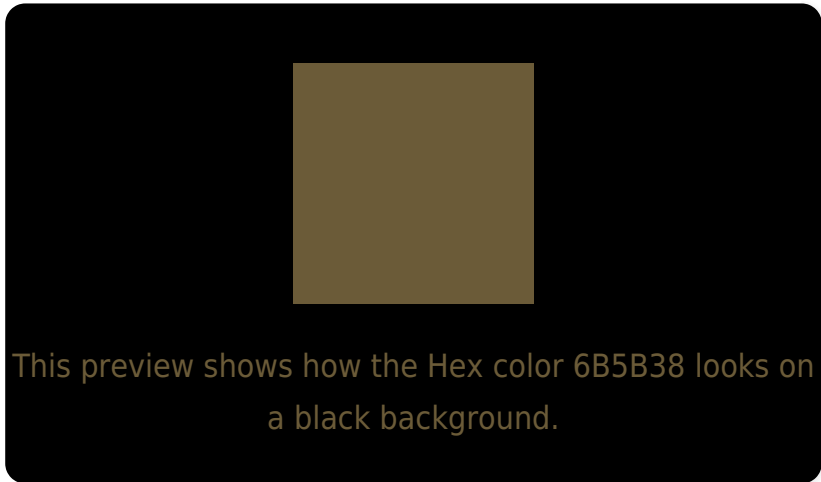
Large Text (above 18pt) WCAG AA ✓ Pass

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

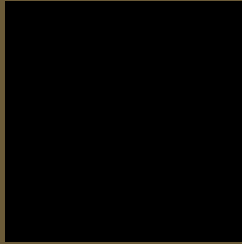
Any Text WCAG AA × Fail

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 6B5B38 Background



This preview shows how black text looks on a background with the Hex color 6B5B38.

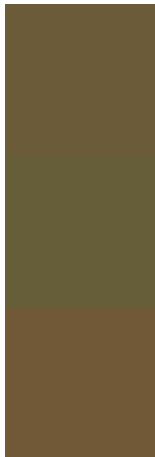


This preview shows how white text looks on a background with the Hex color 6B5B38.

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
6B5B38

Protanopia
665D39

Deuteranopia
715938



Tritanopia
6F575D

Trichromacy



Original Color
6B5B38

Protanomaly
685C39

Deuteranomaly
6F5A38

Tritanomaly
6E5850

Monochromacy



Original Color
6B5B38

Achromatopsia
5C5C5C

Achromatomaly
615C4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B5B38 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 #6B5B38 looks like.

```
.text, #text, p{  
    color:#6B5B38  
}
```

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 #6B5B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5B38  
}
```

Border

The CSS property to change the border of an element to Hex 6B5B38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

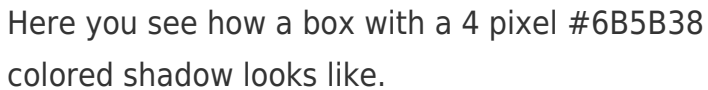
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6B5B38 }
```

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

```
.border{ border-color:#6B5B38 }
```

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



Here you see how a box with a 4 pixel #6B5B38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5B38; -webkit-box-shadow:4px 4px  
4px 4px #6B5B38; box-shadow:4px 4px 4px  
4px #6B5B38 }
```

Background

The CSS property to change the background color of an element to Hex 6B5B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5B38 }
```

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

```
.background{ background-color:#6B5B38 }
```

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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