

Converting Colors

Hex(6B5446)

Have a look what the booklet for
Hex(6B5446) contains.

| | |
|--|----|
| Hex(6B5446) | 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(6B5446)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 6B5446 |
| RGB | 107, 84, 70 |
| RGB Percent | 42%, 33%, 27% |
| CMY | 0.5804, 0.6706, 0.7255 |
| CMYK | 0.00, 0.21, 0.35, 0.58 |
| HSL | 23°, 21%, 35% |
| HSV | 23°, 35%, 42% |
| XYZ | 10.3392, 9.9086, 7.1620 |
| YIQ | 89.2810, 18.2020, 0.5220 |

Conversions

Conversions Part 2

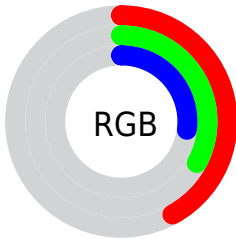
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 107, 93, 70 |
| Decimal | 7033926 |
| CIE Lab | 37.68, 7.31, 11.81 |
| CIE LCh | 38, 13.894, 58.249 |
| Yxy | 9.9086, 0.3772, 0.3615 |
| Android (android.graphics.Color) | 4285224006 (0xFF6B5446) |
| YUV | 89.2810, -9.5055, 15.5396 |
| Hunter-Lab | 31.4780, 3.5434, 8.5447 |

Details

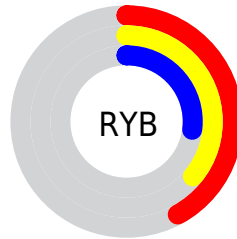
The Hex color **6B5446** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **465D6B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9F8676**, and **3A271B** is the 20% darker color. If you saturate the color by 10%, you get **6B4D3B**, and if you desaturate by 10%, it is **6B5B51**.

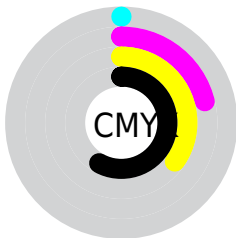
Distribution



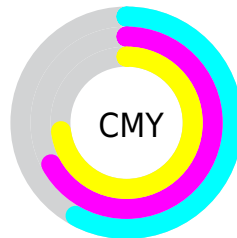
- Red (42%)
- Green (33%)
- Blue (27%)



- Red (42%)
- Yellow (36%)
- Blue (27%)



- Cyan (0%)
- Magenta (21%)
- Yellow (35%)
- Black (58%)



- Cyan (58%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B5446 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 6B5446 by changing the saturation by 10% instead.



6B5446



6B5446

FFFFFF



523D30



9F8676



3A271B



BAA090



251300



D6BBAA



000000



F3D6C6



FFF3E2

FFFFFFE



6B5446



6B5446



6B4D3B



6B5B51

 6B4731

 6B615B

 6B4026

 6B6866

 6B391B

 6B6F71

 6B3311

 6B757C

 6B2C06

 6B7C86

 6B2800

 6B8391

 6B899C

 6B90A6

Harmonies

Analogous

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



70514F



6B5446



625842

Triad

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



6B5446



3E5F58



5A566C

Complementary

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



6B5446



465D6B

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.



4A5A6F



6B5446



395F63

Square

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



6B5446



495E4D



3E5D6B



675365

Rectangle

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



6B5446



5A5A43



3E5D6B



55576E

Sweetspot

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



6B5446



8C847E



6B465D



47423F



C7C7C7



474747

Same Dimension

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



6B5446



8C6953



6B6646



363230



752C00



F55D00

Inverse Universe

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



465D6B



53768C



464B6B



303436



004975



0098F5

Previews

White Background



This preview shows how the Hex color 6B5446 looks on a white background.

Color Contrast Check

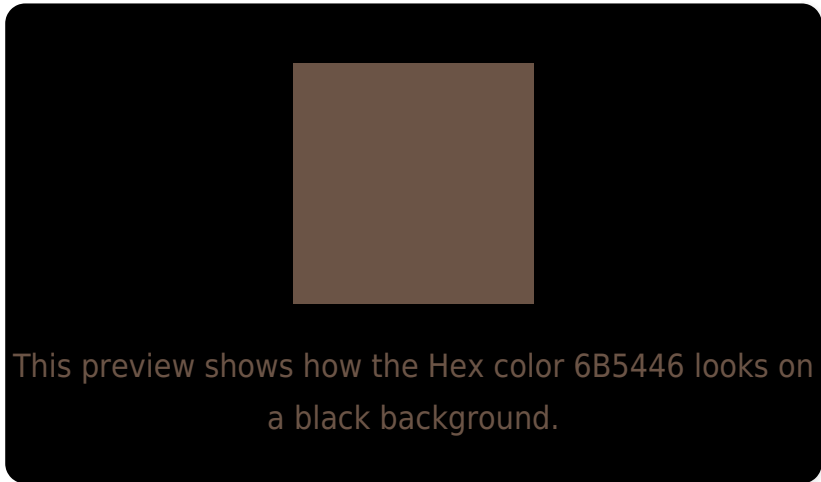
Large Text (above 18pt) WCAG AA ✓ Pass

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

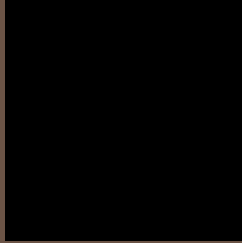
Any Text WCAG AA × Fail

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 6B5446 Background



This preview shows how black text looks on a background with the Hex color 6B5446.

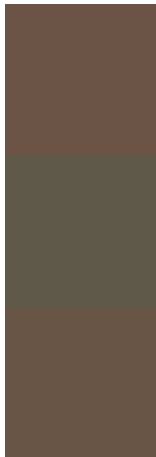


This preview shows how white text looks on a background with the Hex color 6B5446.

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
6B5446

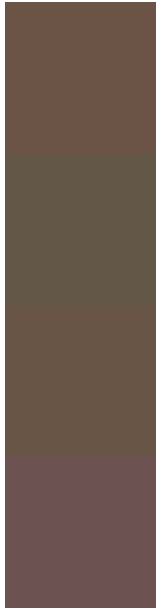
Protanopia
5E5948

Deuteranopia
685546



Tritanopia
6D5258

Trichromacy



Original Color
6B5446

Protanomaly
635747

Deuteranomaly
695546

Tritanomaly
6C5351

Monochromacy



Original Color
6B5446

Achromatopsia
595959

Achromatomaly
605752

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B5446 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 #6B5446 looks like.

```
.text, #text, p{  
    color:#6B5446  
}
```

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 #6B5446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5446
}
```

Border

The CSS property to change the border of an element to Hex 6B5446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

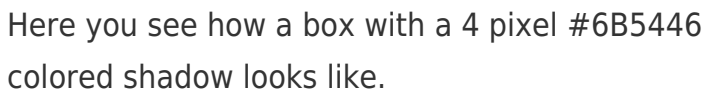
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B5446 }
```

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

```
.border{ border-color:#6B5446 }
```

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



Here you see how a box with a 4 pixel #6B5446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5446; -webkit-box-shadow:4px 4px  
4px 4px #6B5446; box-shadow:4px 4px 4px  
4px #6B5446 }
```

Background

The CSS property to change the background color of an element to Hex 6B5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5446 }
```

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

```
.background{ background-color:#6B5446 }
```

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