

Converting Colors

Hex(6B402D)

Have a look what the booklet for
Hex(6B402D) contains.

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Color

Hex(6B402D)

Conversions

Conversions Part 1

Format	Color
Hex	6B402D
RGB	107, 64, 45
RGB Percent	42%, 25%, 18%
CMY	0.5804, 0.7490, 0.8235
CMYK	0.00, 0.40, 0.58, 0.58
HSL	18°, 41%, 30%
HSV	18°, 58%, 42%
XYZ	8.3705, 6.9821, 3.3891
YIQ	74.6910, 31.7270, 3.2070

Conversions

Conversions Part 2

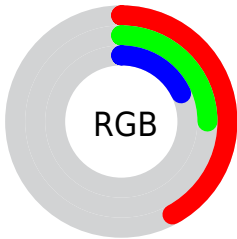
Format	Color
R_{YB}	107, 72, 45
Decimal	7028781
CIE Lab	31.77, 16.57, 19.44
CIE LCh	32, 25.543, 49.567
Yxy	6.9821, 0.4466, 0.3725
Android (android.graphics.Color)	4285218861 (0xFF6B402D)
YUV	74.6910, -14.6377, 28.3350
Hunter-Lab	26.4236, 10.3039, 10.8919

Details

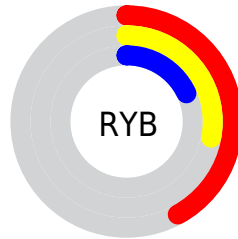
The Hex color **6B402D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D586B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A1705B**, and **391400** is the 20% darker color. If you saturate the color by 10%, you get **6B3922**, and if you desaturate by 10%, it is **6B4738**.

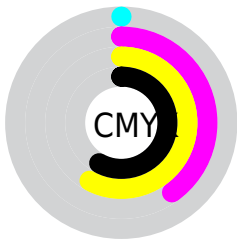
Distribution



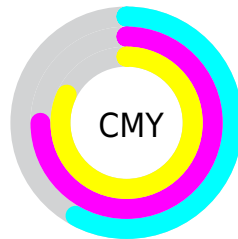
- Red (42%)
- Green (25%)
- Blue (18%)



- Red (42%)
- Yellow (28%)
- Blue (18%)



- Cyan (0%)
- Magenta (40%)
- Yellow (58%)
- Black (58%)



- Cyan (58%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B402D 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 6B402D by changing the saturation by 10% instead.

 6B402D

 6B402D

FFFFFF

 512A18

 A1705B

 391400

 BD8A74

 220000

 D9A48D

 000000

 F6BFA8

 FFDBC3

 FFF8DF

 FFFFFC

 6B402D

 6B402D

■ 6B3922

■ 6B4738

■ 6B3118

■ 6B4F42

■ 6B2A0D

■ 6B564D

■ 6B2202

■ 6B5E58

■ 6B2100

■ 6B6563

■ 6B6D6D

■ 6B7478

■ 6B7B83

■ 6B838D

Harmonies

Analogous

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



713B3E



6B402D



5D4723

Triad

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



6B402D



135543



424870

Complementary

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



6B402D



2D586B

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.



184F72



6B402D



005557

Square

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



6B402D



335230



005369



5D4165

Rectangle

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



6B402D



514C22



005369



364B72

Sweetspot

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



6B402D



8C7C74



6B2D58



473D39



C7C7C7



474747

Same Dimension

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



6B402D



8C482A



6B5F2D



363230



752400



F54B00

Inverse Universe

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



2D586B



2A6E8C



2D396B



303436



005175



00AAF5

Previews

White Background



This preview shows how the Hex color 6B402D looks on a white background.

Color Contrast Check

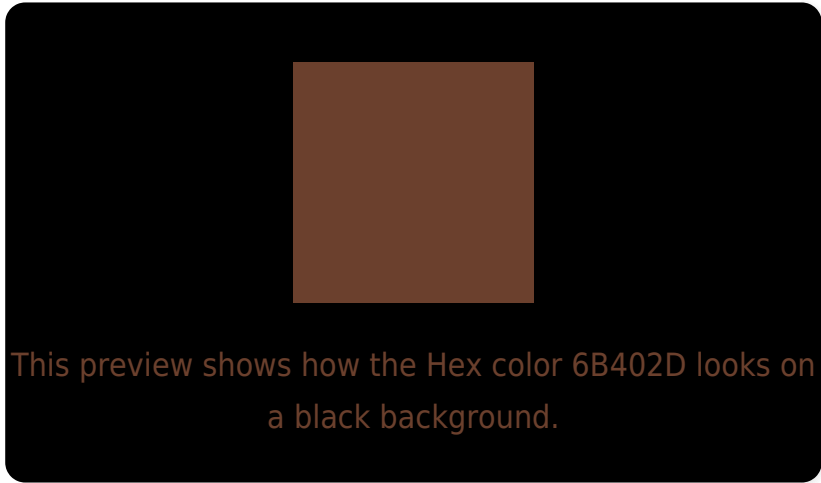
Large Text (above 18pt) WCAG AA ✓ Pass

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

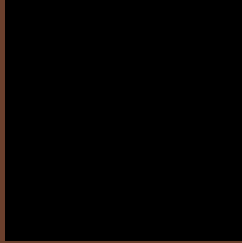
Any Text WCAG AA × Fail

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 6B402D Background



This preview shows how black text looks on a background with the Hex color 6B402D.

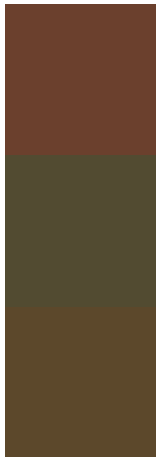


This preview shows how white text looks on a background with the Hex color 6B402D.

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
6B402D

Protanopia
524B31

Deuteranopia
5C482B



Tritanopia
6C3D42

Trichromacy



Original Color
6B402D

Protanomaly
5B4730

Deuteranomaly
61452C

Tritanomaly
6C3E3A

Monochromacy



Original Color
6B402D

Achromatopsia
4B4B4B

Achromatomaly
574740

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B402D 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 #6B402D looks like.

```
.text, #text, p{  
    color:#6B402D  
}
```

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 #6B402D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B402D
}
```

Border

The CSS property to change the border of an element to Hex 6B402D 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".

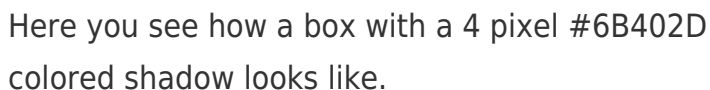
```
.border, #border, table{ border:4px solid
#6B402D }
```

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

```
.border{ border-color:#6B402D }
```

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

Here you see how a box with a 4 pixel #6B402D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B402D; -webkit-box-shadow:4px 4px  
4px 4px #6B402D; box-shadow:4px 4px 4px  
4px #6B402D }
```

Background

The CSS property to change the background color of an element to Hex 6B402D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B402D }
```

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

```
.background{ background-color:#6B402D }
```

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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