

Converting Colors

Hex(6B5E2A)

Have a look what the booklet for
Hex(6B5E2A) contains.

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Color

Hex(6B5E2A)

Conversions

Conversions Part 1

Format	Color
Hex	6B5E2A
RGB	107, 94, 42
RGB Percent	42%, 37%, 16%
CMY	0.5804, 0.6314, 0.8353
CMYK	0.00, 0.12, 0.61, 0.58
HSL	48°, 44%, 29%
HSV	48°, 61%, 42%
XYZ	10.4840, 11.2984, 3.8187
YIQ	91.9590, 24.4400, -13.4160

Conversions

Conversions Part 2

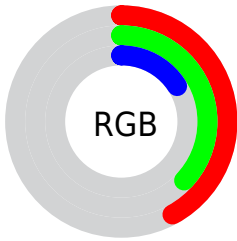
Format	Color
RYB	58, 107, 42
Decimal	7036458
CIELab	40.08, -1.93, 31.22
CIELCh	40, 31.280, 93.531
Yxy	11.2984, 0.4095, 0.4413
Android (android.graphics.Color)	4285226538 (0xFF6B5E2A)
YUV	91.9590, -24.6298, 13.1910
Hunter-Lab	33.6131, -3.1481, 16.7933

Details

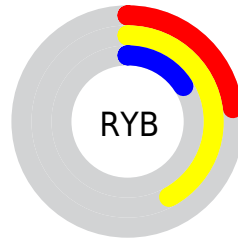
The Hex color **6B5E2A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2A376B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **A09059**, and **3A3000** is the 20% darker color. If you saturate the color by 10%, you get **6B5C1F**, and if you desaturate by 10%, it is **6B6035**.

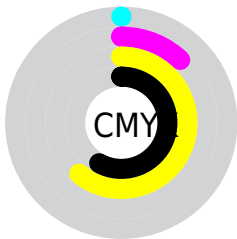
Distribution



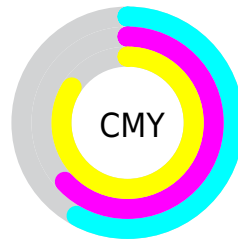
- Red (42%)
- Green (37%)
- Blue (16%)



- Red (23%)
- Yellow (42%)
- Blue (16%)



- Cyan (0%)
- Magenta (12%)
- Yellow (61%)
- Black (58%)



- Cyan (58%)
- Magenta (63%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B5E2A 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 6B5E2A by changing the saturation by 10% instead.

 6B5E2A

 6B5E2A

FFFFFF

 524713

 A09059

 3A3000

 BCAB72

 221C00

 D8C68C

 000100

 F5E2A7

 000000

 FFFEC2

 FFFFDE

 FFFFFB

 6B5E2A

 6B5E2A

■ 6B5C1F

■ 6B6035

■ 6B5A15

■ 6B623F

■ 6B580A

■ 6B644A

■ 6B5600

■ 6B6755

■ 6B6960

■ 6B6B6A

■ 6B6D75

■ 6B6F80

■ 6B718A

Harmonies

Analogous

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



805531



6B5E2A



506532

Triad

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



6B5E2A



006B7A



814D76

Complementary

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



6B5E2A



2A376B

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.



655789



6B5E2A



00678C

Square

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



6B5E2A



006C61



396091



8E495C

Rectangle

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



6B5E2A



3B683F



396091



79507D

Sweetspot

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



6B5E2A



8C8773



6B2A37



474438



C7C7C7



474747

Same Dimension

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



6B5E2A



8C7826



586B2A



363430



755E00



F5C400

Inverse Universe

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



2A376B



263A8C



3D2A6B



303136



001775



0031F5

Previews

White Background



This preview shows how the Hex color 6B5E2A looks on a white background.

Color Contrast Check

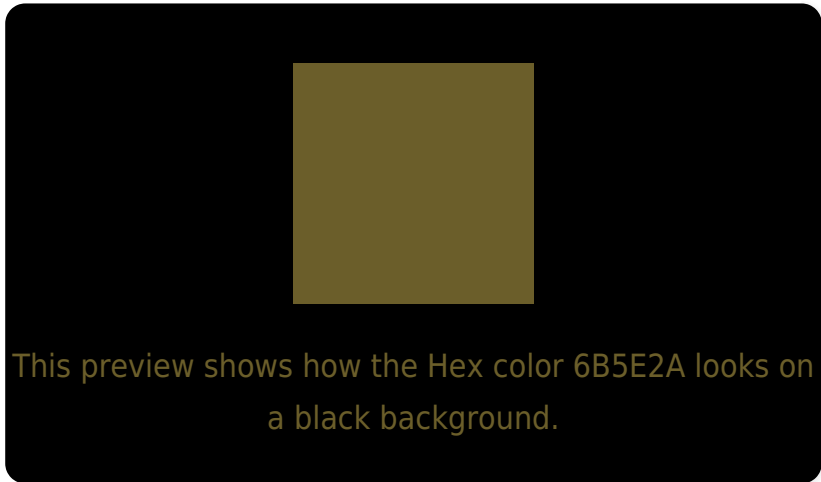
Large Text (above 18pt) WCAG AA ✓ Pass

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

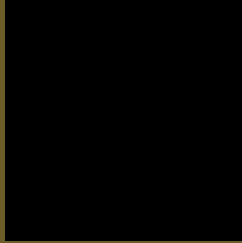
Any Text WCAG AA × Fail

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 6B5E2A Background



This preview shows how black text looks on a background with the Hex color 6B5E2A.



This preview shows how white text looks on a background with the Hex color 6B5E2A.

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
6B5E2A

Protanopia
695F2A

Deuteranopia
755A2B



Tritanopia
70585F

Trichromacy



Original Color
6B5E2A

Protanomaly
6A5F2A

Deuteranomaly
715B2B

Tritanomaly
6E5A4C

Monochromacy



Original Color
6B5E2A

Achromatopsia
5C5C5C

Achromatomaly
615D4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B5E2A 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 #6B5E2A looks like.

```
.text, #text, p{  
    color:#6B5E2A  
}
```

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 #6B5E2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5E2A
}
```

Border

The CSS property to change the border of an element to Hex 6B5E2A 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
#6B5E2A }
```

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

```
.border{ border-color:#6B5E2A }
```

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

Here you see how a box with a 4 pixel #6B5E2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5E2A; -webkit-box-shadow:4px 4px  
4px 4px #6B5E2A; box-shadow:4px 4px 4px  
4px #6B5E2A }
```

Background

The CSS property to change the background color of an element to Hex 6B5E2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5E2A }
```

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

```
.background{ background-color:#6B5E2A }
```

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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