

# Converting Colors

Hex(6B4E27)

Have a look what the booklet for  
Hex(6B4E27) contains.

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**Color**

**Hex(6B4E27)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B4E27
RGB	107, 78, 39
RGB Percent	42%, 31%, 15%
CMY	0.5804, 0.6941, 0.8471
CMYK	0.00, 0.27, 0.64, 0.58
HSL	34°, 47%, 29%
HSV	34°, 64%, 42%
XYZ	9.1540, 8.7211, 3.1203
YIQ	82.2250, 29.8030, -5.9810

# Conversions

## Conversions Part 2

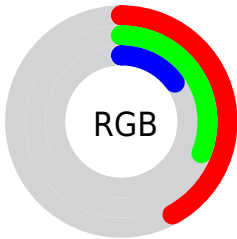
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 107, 39
Decimal	7032359
CIELab	35.44, 7.46, 27.49
CIELCh	35, 28.483, 74.820
Yxy	8.7211, 0.4360, 0.4154
Android (android.graphics.Color)	4285222439 (0xFF6B4E27)
YUV	82.2250, -21.3099, 21.7277
Hunter-Lab	29.5314, 3.6505, 14.4074

# Details

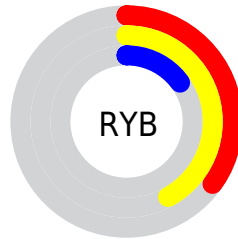
The Hex color **6B4E27** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **27446B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A17F55**, and **392200** is the 20% darker color. If you saturate the color by 10%, you get **6B491C**, and if you desaturate by 10%, it is **6B5332**.

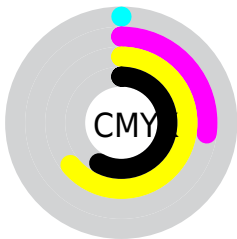
# Distribution



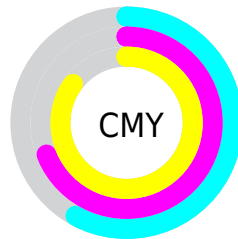
- Red (42%)
- Green (31%)
- Blue (15%)



- Red (35%)
- Yellow (42%)
- Blue (15%)



- Cyan (0%)
- Magenta (27%)
- Yellow (64%)
- Black (58%)



- Cyan (58%)
- Magenta (69%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B4E27 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 6B4E27 by changing the saturation by 10% instead.





6B4E27



6B4E27

FFFFFF



513711



A17F55



392200



BC996E



210D00



D9B488



000000



F6CFA2



FFEBBD



FFFFD9



FFFFF6



6B4E27



6B4E27

■ 6B491C

■ 6B5332

■ 6B4512

■ 6B573C

■ 6B4007

■ 6B5C47

■ 6B3D00

■ 6B6052

■ 6B655D

■ 6B6967

■ 6B6E72

■ 6B737D

■ 6B7787

# Harmonies

## Analogous

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



7A4634



6B4E27



565626

# Triad

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



6B4E27



005F5E



644974

# Complementary

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



6B4E27



27446B

# 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.



43527F



6B4E27



005D73

# Square

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



6B4E27



1A5E47



06597F



784260

# Rectangle

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



6B4E27



465A2D



06597F



5A4C79



# Sweetspot

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



6B4E27



8C8172



6B2744



474037



C7C7C7



474747



# Same Dimension

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



6B4E27



8C5F22



666B27



363330



754300



F58C00



# Inverse Universe

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



27446B



224F8C



2C276B



303236



003275



0068F5



# Previews

## White Background



This preview shows how the Hex color 6B4E27 looks on a white background.

## Color Contrast Check

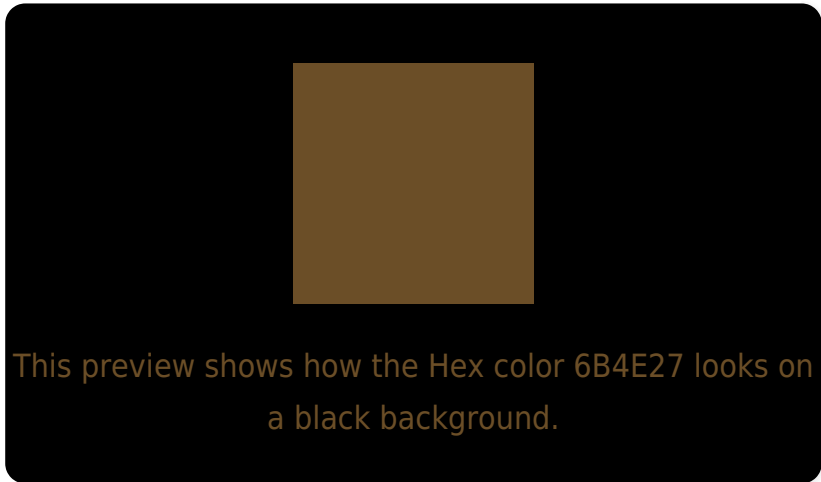
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B4E27 Background



This preview shows how black text looks on a background with the Hex color 6B4E27.



This preview shows how white text looks on a background with the Hex color 6B4E27.

# 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**  
6B4E27

**Protanopia**  
5D5429

**Deuteranopia**  
675027



**Tritanopia**  
6E4A4F

# Trichromacy



**Original Color**  
6B4E27

**Protanomaly**  
625228

**Deuteranomaly**  
684F27

**Tritanomaly**  
6D4B40

# Monochromacy



**Original Color**  
6B4E27

**Achromatopsia**  
525252

**Achromatomaly**  
5B5142

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B4E27 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 #6B4E27 looks like.

```
.text, #text, p{  
    color:#6B4E27  
}
```

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 #6B4E27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4E27
}
```

## Border

The CSS property to change the border of an element to Hex 6B4E27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

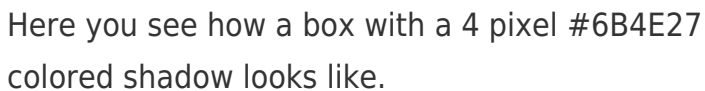
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4E27 }
```

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

```
.border{ border-color:#6B4E27 }
```

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



Here you see how a box with a 4 pixel #6B4E27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4E27; -webkit-box-shadow:4px 4px  
4px 4px #6B4E27; box-shadow:4px 4px 4px  
4px #6B4E27 }
```

# Background

The CSS property to change the background color of an element to Hex 6B4E27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4E27 }
```

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

```
.background{ background-color:#6B4E27 }
```

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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