

Converting Colors

Hex(6B4637)

Have a look what the booklet for
Hex(6B4637) contains.

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Color

Hex(6B4637)

Conversions

Conversions Part 1

Format	Color
Hex	6B4637
RGB	107, 70, 55
RGB Percent	42%, 27%, 22%
CMY	0.5804, 0.7255, 0.7843
CMYK	0.00, 0.35, 0.49, 0.58
HSL	17°, 32%, 32%
HSV	17°, 49%, 42%
XYZ	8.9432, 7.7820, 4.6451
YIQ	79.3530, 26.8670, 3.1790

Conversions

Conversions Part 2

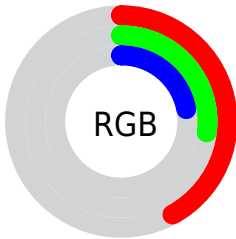
Format	Color
R_{YB}	107, 76, 55
Decimal	7030327
CIE Lab	33.52, 13.95, 15.50
CIE LCh	34, 20.854, 48.024
Yxy	7.7820, 0.4185, 0.3641
Android (android.graphics.Color)	4285220407 (0xFF6B4637)
YUV	79.3530, -12.0060, 24.2464
Hunter-Lab	27.8962, 8.4066, 9.6546

Details

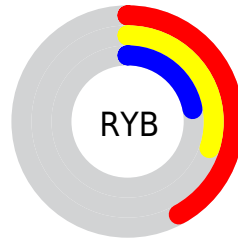
The Hex color **6B4637** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **375C6B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A07766**, and **391A0C** is the 20% darker color. If you saturate the color by 10%, you get **6B3E2C**, and if you desaturate by 10%, it is **6B4E42**.

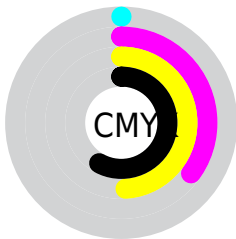
Distribution



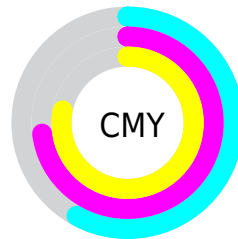
- Red (42%)
- Green (27%)
- Blue (22%)



- Red (42%)
- Yellow (30%)
- Blue (22%)



- Cyan (0%)
- Magenta (35%)
- Yellow (49%)
- Black (58%)



- Cyan (58%)
- Magenta (73%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B4637 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 6B4637 by changing the saturation by 10% instead.



6B4637



6B4637

FFFFFF



522F21



A07766



391A0C



BC907F



230100



D8AB99



000000



F5C6B4



FFE2CF



FFFEC



6B4637



6B4637



6B3E2C



6B4E42

 6B3722

 6B554C

 6B2F17

 6B5D57

 6B280C

 6B6462

 6B2001

 6B6C6D

 6B1F00

 6B7477

 6B7B82

 6B838D

 6B8B97

Harmonies

Analogous

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



6F4245



6B4637



604C2F

Triad

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



6B4637



285747



474D6E

Complementary

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



6B4637



375C6B

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.



2C526F



6B4637



135858

Square

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



6B4637



3D5538



135667



5D4765

Rectangle

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



6B4637



564F2E



135667



3F4F6F

Sweetspot

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



6B4637



8C7D77



6B375C



473E3B



C7C7C7



474747

Same Dimension

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



6B4637



8C523B



6B6037



363230



752200



F54700

Inverse Universe

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



375C6B



3B758C



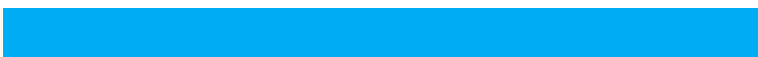
37426B



303436



005375



00AEF5

Previews

White Background



This preview shows how the Hex color 6B4637 looks on a white background.

Color Contrast Check

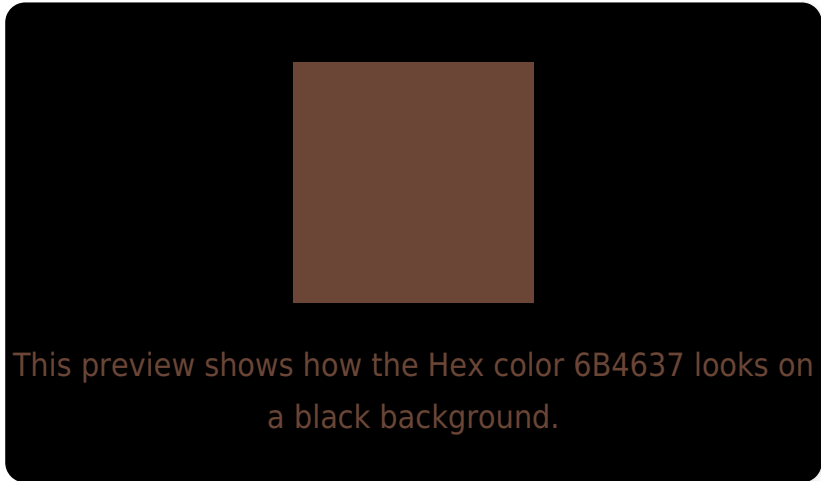
Large Text (above 18pt) WCAG AA ✓ Pass

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

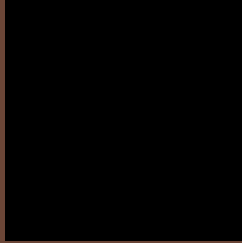
Any Text WCAG AA × Fail

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 6B4637 Background



This preview shows how black text looks on a background with the Hex color 6B4637.

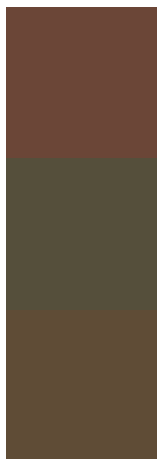


This preview shows how white text looks on a background with the Hex color 6B4637.

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
6B4637

Protanopia
554F3B

Deuteranopia
5F4C36



Tritanopia
6C4449

Trichromacy



Original Color
6B4637

Protanomaly
5D4C3A

Deuteranomaly
634A36

Tritanomaly
6C4542

Monochromacy



Original Color
6B4637

Achromatopsia
4F4F4F

Achromatomaly
594C46

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4637 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 #6B4637 looks like.

```
.text, #text, p{  
    color:#6B4637  
}
```

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 #6B4637 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4637
}
```

Border

The CSS property to change the border of an element to Hex 6B4637 is called "border". The border property can be set on classes, ids or directly on the HTML element.

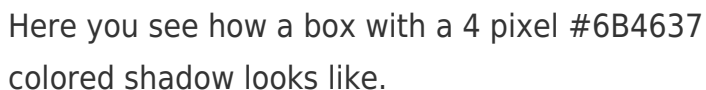
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4637 }
```

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

```
.border{ border-color:#6B4637 }
```

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



Here you see how a box with a 4 pixel #6B4637 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4637; -webkit-box-shadow:4px 4px  
4px 4px #6B4637; box-shadow:4px 4px 4px  
4px #6B4637 }
```

Background

The CSS property to change the background color of an element to Hex 6B4637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4637 }
```

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

```
.background{ background-color:#6B4637 }
```

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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