

# Converting Colors

Hex(6B4C5B)

Have a look what the booklet for  
Hex(6B4C5B) contains.

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# Color

**Hex(6B4C5B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B4C5B
RGB	107, 76, 91
RGB Percent	42%, 30%, 36%
CMY	0.5804, 0.7020, 0.6431
CMYK	0.00, 0.29, 0.15, 0.58
HSL	331°, 17%, 36%
HSV	331°, 29%, 42%
XYZ	10.5362, 9.0500, 11.0890
YIQ	86.9790, 13.6610, 11.2370

# Conversions

## Conversions Part 2

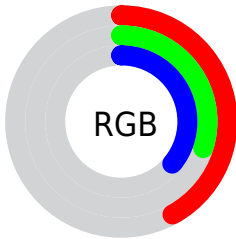
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 76, 91
Decimal	7031899
CIE <sub>Lab</sub>	36.08, 15.70, -3.60
CIE <sub>LCh</sub>	36, 16.112, 347.071
Yxy	9.0500, 0.3435, 0.2950
Android (android.graphics.Color)	4285221979 (0xFF6B4C5B)
YUV	86.9790, 1.9824, 17.5584
Hunter-Lab	30.0832, 9.8711, -0.7967

# Details

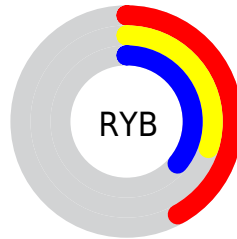
The Hex color **6B4C5B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4C6B5C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9F7D8D**, and **3B1F2D** is the 20% darker color. If you saturate the color by 10%, you get **6B4155**, and if you desaturate by 10%, it is **6B5761**.

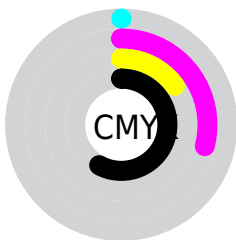
# Distribution



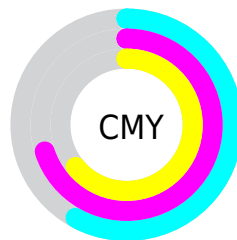
- Red (42%)
- Green (30%)
- Blue (36%)



- Red (42%)
- Yellow (30%)
- Blue (36%)



- Cyan (0%)
- Magenta (29%)
- Yellow (15%)
- Black (58%)



- Cyan (58%)
- Magenta (70%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B4C5B 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 6B4C5B by changing the saturation by 10% instead.



6B4C5B

6B4C5B

FFFFFF

523544

9F7D8D

3B1F2D

BA97A7

250A19

D6B2C3

000000

F2CDDF

FFEAFB

6B4C5B

6B4C5B

6B4155

6B5761

6B3750

6B6166

6B2C4A

6B6C6C

6B2145

6B7771

6B163F

6B8277

6B0C3A

6B8C7C

6B0134

6B9782

6B0034

6BA287

6BAC8D

# Harmonies

## Analogous

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



604F67



6B4C5B



6F4C4E

# Triad

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



6B4C5B



57563C



305B67

# Complementary

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



6B4C5B



4C6B5C

# 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.



2F5C5C



6B4C5B



485A43

# Square

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



6B4C5B



63523C



3A5C4F



3D586E

# Rectangle

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



6B4C5B



6E4D46



3A5C4F



2E5B64



# Sweetspot

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



6B4C5B



8C8086



5C4C6B



474043



C7C7C7



474747



# Same Dimension

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



6B4C5B



8C5B73



6B4C4C



363033



750039



F50076



# Inverse Universe

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



6B4C5B



8C5B73



4C6B6B



363033



750039

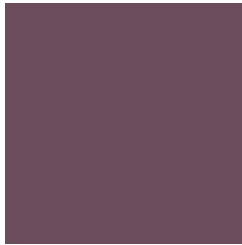


F50076



# Previews

## White Background



This preview shows how the Hex color 6B4C5B looks on a white background.

## Color Contrast Check

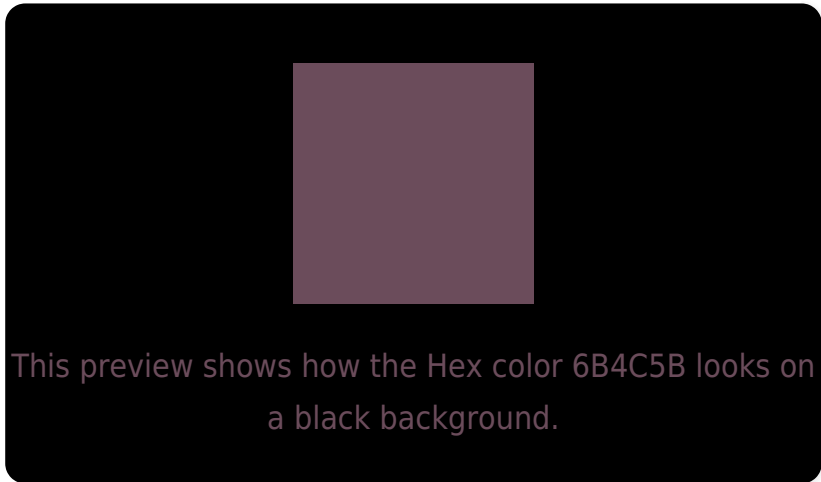
Large Text (above 18pt) WCAG AA ✓ Pass

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

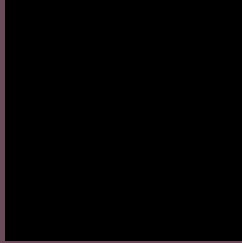
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B4C5B Background



This preview shows how black text looks on a background with the Hex color 6B4C5B.

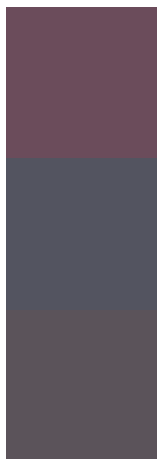


This preview shows how white text looks on a background with the Hex color 6B4C5B.

# 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**  
6B4C5B

**Protanopia**  
535460

**Deuteranopia**  
5B535A



**Tritanopia**  
6A4D53

# Trichromacy



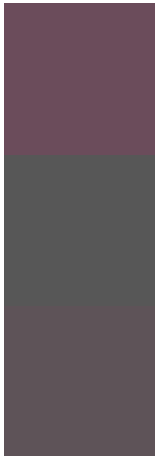
**Original Color**  
6B4C5B

**Protanomaly**  
5C515E

**Deuteranomaly**  
61505A

**Tritanomaly**  
6A4D56

# Monochromacy



**Original Color**  
6B4C5B

**Achromatopsia**  
575757

**Achromatomaly**  
5E5358

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B4C5B 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 #6B4C5B looks like.

```
.text, #text, p{  
    color:#6B4C5B  
}
```

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 #6B4C5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4C5B
}
```

## Border

The CSS property to change the border of an element to Hex 6B4C5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

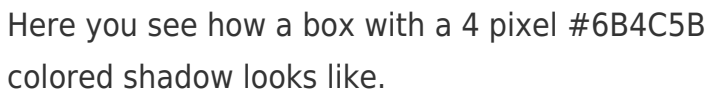
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4C5B }
```

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

```
.border{ border-color:#6B4C5B }
```

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



Here you see how a box with a 4 pixel #6B4C5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4C5B; -webkit-box-shadow:4px 4px  
4px 4px #6B4C5B; box-shadow:4px 4px 4px  
4px #6B4C5B }
```

# Background

The CSS property to change the background color of an element to Hex 6B4C5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4C5B }
```

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

```
.background{ background-color:#6B4C5B }
```

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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