

# Converting Colors

Hex(6B4350)

Have a look what the booklet for  
Hex(6B4350) contains.

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**Color**

**Hex(6B4350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B4350
RGB	107, 67, 80
RGB Percent	42%, 26%, 31%
CMY	0.5804, 0.7373, 0.6863
CMYK	0.00, 0.37, 0.25, 0.58
HSL	340°, 23%, 34%
HSV	340°, 37%, 42%
XYZ	9.5185, 7.7193, 8.5777
YIQ	80.4420, 19.6670, 12.5230

# Conversions

## Conversions Part 2

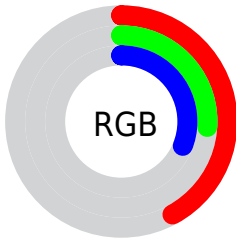
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 67, 80
Decimal	7029584
CIE <sub>Lab</sub>	33.39, 19.30, -0.58
CIE <sub>LCh</sub>	33, 19.307, 358.281
Yxy	7.7193, 0.3687, 0.2990
Android (android.graphics.Color)	4285219664 (0xFF6B4350)
YUV	80.4420, -0.2179, 23.2914
Hunter-Lab	27.7836, 12.5319, 1.1438

# Details

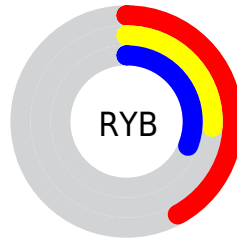
The Hex color **6B4350** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **436B5E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9F7481**, and **3A1724** is the 20% darker color. If you saturate the color by 10%, you get **6B3849**, and if you desaturate by 10%, it is **6B4E57**.

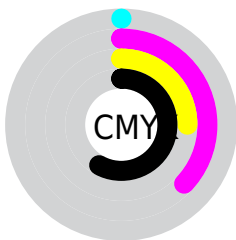
# Distribution



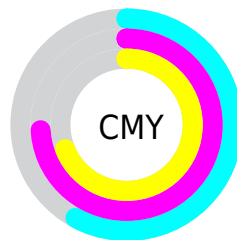
- Red (42%)
- Green (26%)
- Blue (31%)



- Red (42%)
- Yellow (26%)
- Blue (31%)



- Cyan (0%)
- Magenta (37%)
- Yellow (25%)
- Black (58%)



- Cyan (58%)
- Magenta (74%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B4350 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 6B4350 by changing the saturation by 10% instead.



6B4350

6B4350

FFFFFF

522C39

9F7481

3A1724

BB8D9B

25000E

D7A8B6

000000

F3C3D1

FFDFEE

FFFCFF

6B4350

6B4350

6B3849

6B4E57

 6B2E42

 6B585E

 6B233A

 6B6366

 6B1833

 6B6E6D

 6B0D2C

 6B7974

 6B0325

 6B837B

 6B0023

 6B8E83

 6B998A

 6BA391

# Harmonies

## Analogous

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



61465F



6B4350



6C4441

# Triad

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



6B4350



4A5233



215468

# Complementary

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



6B4350



436B5E

# 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.



19565C



6B4350



38553E

# Square

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



6B4350



5A4D30



26574D



38506D

# Rectangle

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



6B4350



694638



26574D



1C5565



# Sweetspot

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



6B4350



8C7D82



5E436B



473E41



C7C7C7



474747



# Same Dimension

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



6B4350



8C4D62



6B4A43



363032



750026



F50050



# Inverse Universe

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



6B4350



8C4D62



43646B



363032



750026

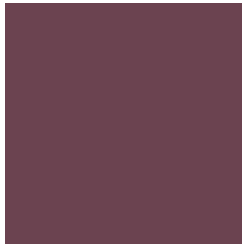


F50050



# Previews

## White Background



This preview shows how the Hex color 6B4350 looks on a white background.

## Color Contrast Check

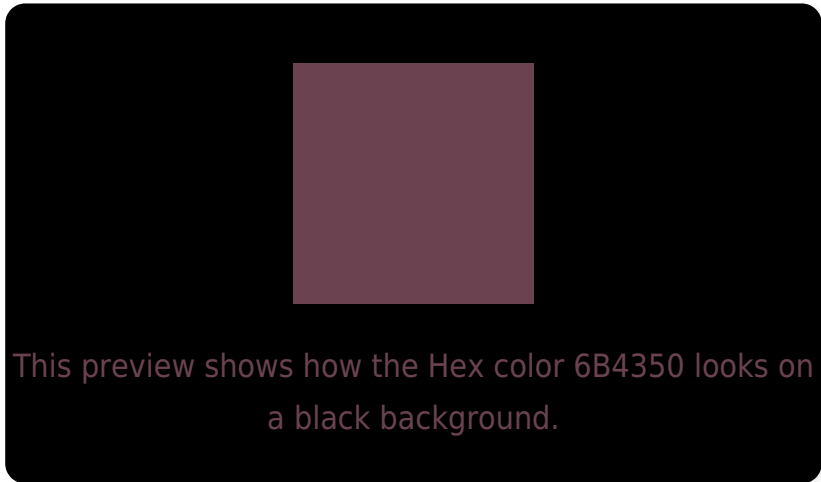
Large Text (above 18pt) WCAG AA ✓ Pass

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

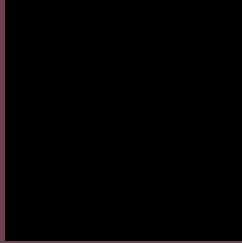
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B4350 Background



This preview shows how black text looks on a background with the Hex color 6B4350.



This preview shows how white text looks on a background with the Hex color 6B4350.

# 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**  
6B4350

**Protanopia**  
4E4E57

**Deuteranopia**  
574C4E



**Tritanopia**  
6A4449

# Trichromacy



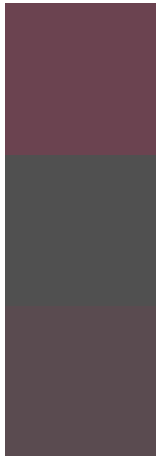
**Original Color**  
6B4350

**Protanomaly**  
594A54

**Deuteranomaly**  
5E494F

**Tritanomaly**  
6A444C

# Monochromacy



**Original Color**  
6B4350

**Achromatopsia**  
505050

**Achromatomaly**  
5A4B50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B4350 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 #6B4350 looks like.

```
.text, #text, p{  
    color:#6B4350  
}
```

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 #6B4350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4350
}
```

## Border

The CSS property to change the border of an element to Hex 6B4350 is called "border". The border property can be set on classes, ids or directly on the HTML element.

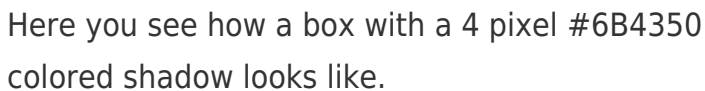
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4350 }
```

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

```
.border{ border-color:#6B4350 }
```

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



Here you see how a box with a 4 pixel #6B4350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4350; -webkit-box-shadow:4px 4px  
4px 4px #6B4350; box-shadow:4px 4px 4px  
4px #6B4350 }
```

# Background

The CSS property to change the background color of an element to Hex 6B4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4350 }
```

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

```
.background{ background-color:#6B4350 }
```

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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