

# Converting Colors

Hex(6B5840)

Have a look what the booklet for  
Hex(6B5840) contains.

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**Color**

**Hex(6B5840)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B5840
RGB	107, 88, 64
RGB Percent	42%, 35%, 25%
CMY	0.5804, 0.6549, 0.7490
CMYK	0.00, 0.18, 0.40, 0.58
HSL	33°, 25%, 34%
HSV	33°, 40%, 42%
XYZ	10.4785, 10.4754, 6.3202
YIQ	90.9450, 19.0280, -3.4360

# Conversions

## Conversions Part 2

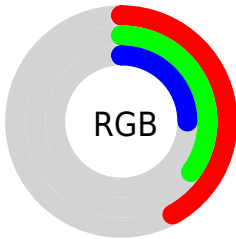
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 107, 64
Decimal	7034944
CIELab	38.68, 4.05, 16.84
CIElCh	39, 17.322, 76.483
Yxy	10.4754, 0.3842, 0.3841
Android (android.graphics.Color)	4285225024 (0xFF6B5840)
YUV	90.9450, -13.2839, 14.0802
Hunter-Lab	32.3657, 1.1501, 11.0783

# Details

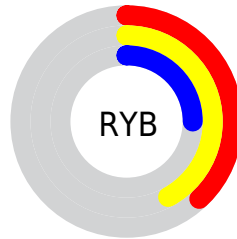
The Hex color **6B5840** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **40536B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9F8A70**, and **3A2B15** is the 20% darker color. If you saturate the color by 10%, you get **6B5335**, and if you desaturate by 10%, it is **6B5D4B**.

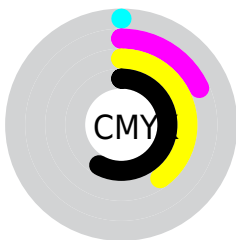
# Distribution



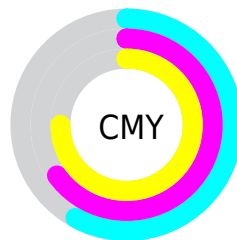
- Red (42%)
- Green (35%)
- Blue (25%)



- Red (38%)
- Yellow (42%)
- Blue (25%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (58%)



- Cyan (58%)
- Magenta (65%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B5840 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 6B5840 by changing the saturation by 10% instead.



 6B5840

 6B5840

FFFFFF

 52412A

 9F8A70

 3A2B15

 BBA489

 251600

 D7BFA4

 000000

 F3DBBF

 FFF7DB

 FFFFF7

 6B5840

 6B5840

 6B5335

 6B5D4B

 6B4F2B

 6B6155

 6B4A20

 6B6660

 6B4515

 6B6B6B

 6B400A

 6B7075

 6B3C00

 6B7480

 6B798B

 6B7E96

 6B83A0

# Harmonies

## Analogous

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



745447



6B5840



5D5D40

# Triad

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



6B5840



326363



67556F

# Complementary

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



6B5840



40536B

# 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.



545A76



6B5840



32616F

# Square

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



6B5840



3E6254



415E76



735162

# Rectangle

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



6B5840



535F44



415E76



615672



# Sweetspot

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



6B5840



8C857B



6B4053



47433D



C7C7C7



474747



# Same Dimension

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



6B5840



8C6F49



696B40



363330



754100



F58900



# Inverse Universe

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



40536B



49678C



42406B



303336



003475



006CF5



# Previews

## White Background



This preview shows how the Hex color 6B5840 looks on a white background.

## Color Contrast Check

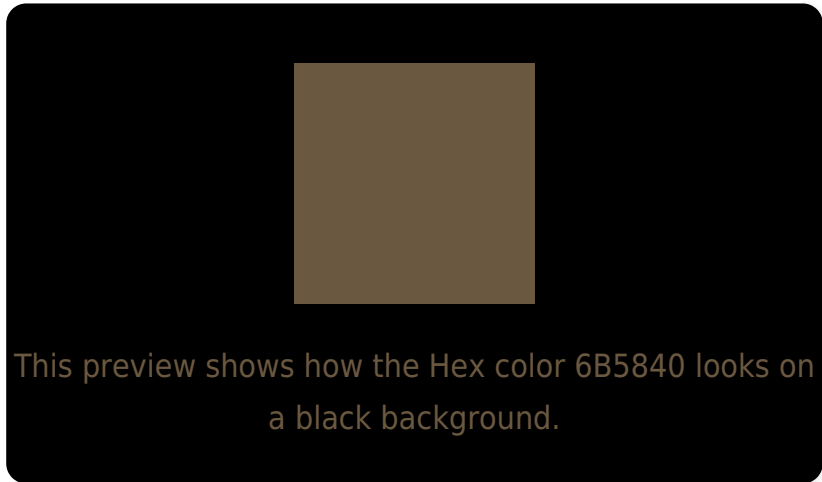
Large Text (above 18pt) WCAG AA ✓ Pass

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

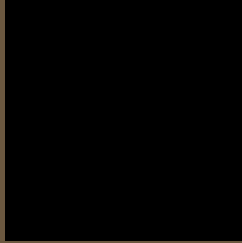
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B5840 Background



This preview shows how black text looks on a background with the Hex color 6B5840.



This preview shows how white text looks on a background with the Hex color 6B5840.

# 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](#).

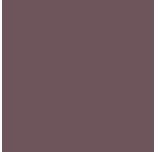
## Dichromacy



**Original Color**  
6B5840

**Protanopia**  
625B41

**Deuteranopia**  
6D5740



**Tritanopia**  
6E545B

# Trichromacy



**Original Color**  
6B5840

**Protanomaly**  
655A41

**Deuteranomaly**  
6C5740

**Tritanomaly**  
6D5551

# Monochromacy



**Original Color**  
6B5840

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
615A51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B5840 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 #6B5840 looks like.

```
.text, #text, p{  
    color:#6B5840  
}
```

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 #6B5840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5840
}
```

## Border

The CSS property to change the border of an element to Hex 6B5840 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
#6B5840 }
```

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

```
.border{ border-color:#6B5840 }
```

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

Here you see how a box with a 4 pixel #6B5840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5840; -webkit-box-shadow:4px 4px  
4px 4px #6B5840; box-shadow:4px 4px 4px  
4px #6B5840 }
```

# Background

The CSS property to change the background color of an element to Hex 6B5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5840 }
```

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

```
.background{ background-color:#6B5840 }
```

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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