

# Converting Colors

Hex(6A5C3E)

Have a look what the booklet for  
Hex(6A5C3E) contains.

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# Color

**Hex(6A5C3E)**

# Conversions

Conversions Part 1	
Format	Color
Hex	6A5C3E
RGB	106, 92, 62
RGB Percent	42%, 36%, 24%
CMY	0.5843, 0.6392, 0.7569
CMYK	0.00, 0.13, 0.42, 0.58
HSL	41°, 26%, 33%
HSV	41°, 42%, 42%
XYZ	10.6405, 11.0663, 6.1326
YIQ	92.7660, 17.9740, -6.3620

# Conversions

## Conversions Part 2

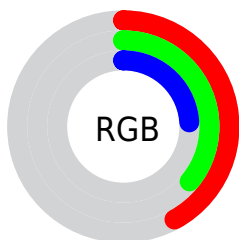
Format	Color
<a href="#">RYB</a>	<a href="#">83, 106, 62</a>
Decimal	<a href="#">6970430</a>
CIELab	<a href="#">39.69, 0.93, 19.36</a>
CIELCh	<a href="#">40, 19.379, 87.257</a>
Yxy	<a href="#">11.0663, 0.3822, 0.3975</a>
Android (android.graphics.Color)	<a href="#">4285160510</a> (0xFF6A5C3E)
YUV	<a href="#">92.7660, -15.1676, 11.6062</a>
Hunter-Lab	<a href="#">33.2660, -1.1202, 12.3560</a>

# Details

The Hex color **6A5C3E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3E4C6A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9E8E6E**, and **392E13** is the 20% darker color. If you saturate the color by 10%, you get **6A5933**, and if you desaturate by 10%, it is **6A5F49**.

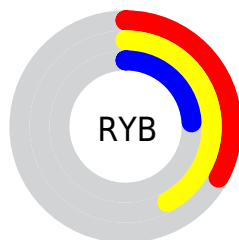
# Distribution



Red (42%)

Green (36%)

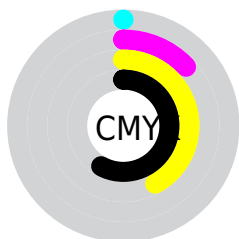
Blue (24%)



Red (33%)

Yellow (42%)

Blue (24%)

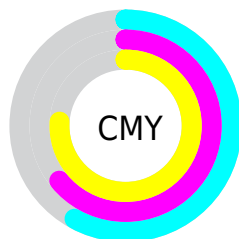


Cyan (0%)

Magenta (13%)

Yellow (42%)

Black (58%)



Cyan (58%)

Magenta (64%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A5C3E 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 6A5C3E by changing the saturation by 10% instead.



 6A5C3E

 6A5C3E

FFFFFF

 514528

 9E8E6E

 392E13

 B9A887

 241A00

 D5C4A2

 000000

 F2E0BD

 FFFCD9

 FFFFF5

 6A5C3E

 6A5C3E

 6A5933

 6A5F49

 6A5529

 6A6353

 6A521E

 6A665E

 6A4F14

 6A6968

 6A4B09

 6A6D73

 6A4800

 6A707E

 6A7488

 6A7793

 6A7A9D

# Harmonies

## Analogous

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



775744



6A5C3E



5A6141

# Triad

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



6A5C3E



2B666B



70556F

# Complementary

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



6A5C3E



3E4C6A

# 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.



5E5A79



6A5C3E



326478

# Square

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



6A5C3E



36665B



475F7D



7B5260

# Rectangle

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



6A5C3E



4D6348



475F7D



6B5673



# Sweetspot

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



6A5C3E



8A8479



6A3E4D



45423B



C4C4C4



454545



# Same Dimension

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



6A5C3E



8A7445



636A3E



363430



755000



F5A700



# Inverse Universe

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



3E4C6A



455B8A



453E6A



303236



002575



004EF5



# Previews

## White Background



This preview shows how the Hex color 6A5C3E 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



This preview shows how the Hex color 6A5C3E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

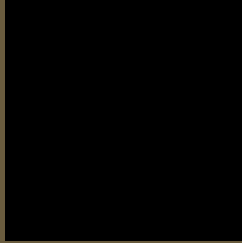
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A5C3E Background



This preview shows how black text looks on a background with the Hex color 6A5C3E.



This preview shows how white text looks on a background with the Hex color 6A5C3E.

# 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**

6A5C3E

**Protanopia**

655E3F

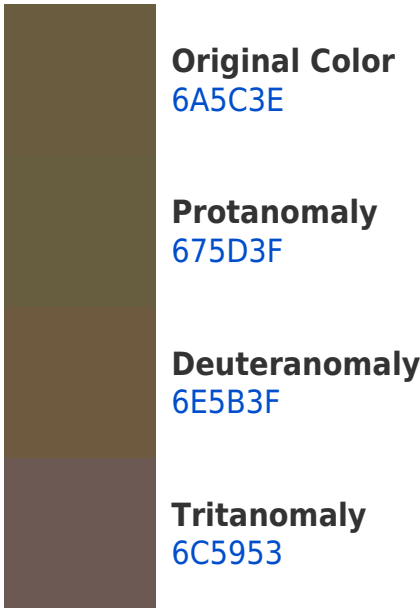
**Deuteranopia**

705A3F

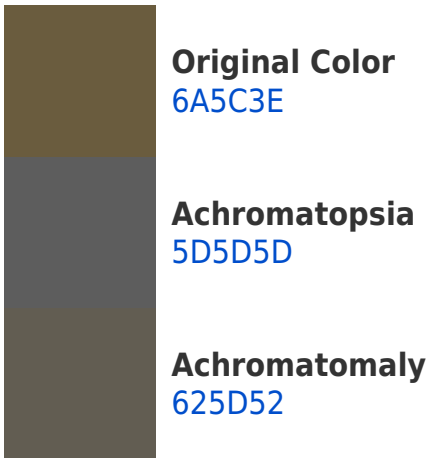


**Tritanopia**  
6D585F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A5C3E 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 #6A5C3E looks like.

```
.text, #text, p{  
    color:#6A5C3E  
}
```

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 #6A5C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A5C3E
}
```

## Border

The CSS property to change the border of an element to Hex 6A5C3E 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
#6A5C3E }
```

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

```
.border{ border-color:#6A5C3E }
```

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

Here you see how a box with a 4 pixel #6A5C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A5C3E; -webkit-box-shadow:4px 4px  
4px 4px #6A5C3E; box-shadow:4px 4px 4px  
4px #6A5C3E }
```

# Background

The CSS property to change the background color of an element to Hex 6A5C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A5C3E }
```

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

```
.background{ background-color:#6A5C3E }
```

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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