

# Converting Colors

Hex(6F845A)

Have a look what the booklet for  
Hex(6F845A) contains.

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**Color**

**Hex(6F845A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F845A
RGB	111, 132, 90
RGB Percent	44%, 52%, 35%
CMY	0.5647, 0.4824, 0.6471
CMYK	0.16, 0.00, 0.32, 0.48
HSL	90°, 19%, 44%
HSV	90°, 32%, 52%
XYZ	16.6523, 20.6202, 12.7753
YIQ	120.9330, 0.9660, -17.5140

# Conversions

## Conversions Part 2

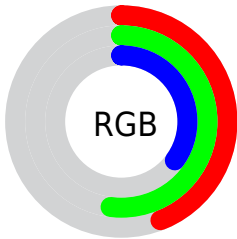
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 132, 111
Decimal	7308378
CIE <sub>Lab</sub>	52.53, -15.61, 20.25
CIE <sub>LCh</sub>	53, 25.568, 127.641
Y <sub>xy</sub>	20.6202, 0.3327, 0.4120
Android (android.graphics.Color)	4285498458 (0xFF6F845A)
Y <sub>UV</sub>	120.9330, -15.2500, -8.7112
Hunter-Lab	45.4095, -14.0083, 15.1063

# Details

The Hex color **6F845A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6F5A84**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A3B98C**, and **3E522C** is the 20% darker color. If you saturate the color by 10%, you get **68844D**, and if you desaturate by 10%, it is **768467**.

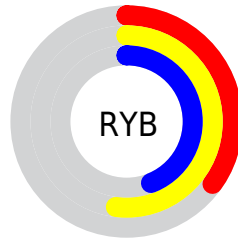
# Distribution



Red (44%)

Green (52%)

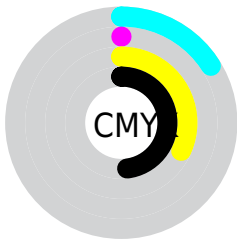
Blue (35%)



Red (35%)

Yellow (52%)

Blue (44%)

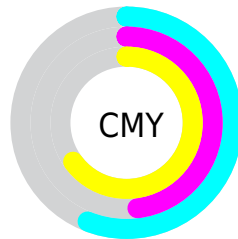


Cyan (16%)

Magenta (0%)

Yellow (32%)

Black (48%)



Cyan (56%)

Magenta (48%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F845A 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 6F845A by changing the saturation by 10% instead.





6F845A



6F845A

FFFFFF



566B42



A3B98C



3E522C



BED5A7



283B16



DAF1C2



142500



F7FFDE



001000



FFFFFFB



000000



6F845A



6F845A



68844D



768467



628440



7C8474

 5B8432

 838482

 558425

 89848F

 4E8418

 90849C

 47840B

 9784A9

 428400

 9D84B6

 A484C4

 AA84D1

# Harmonies

## Analogous

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



877E52



6F845A



55886C

# Triad

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



6F845A



4884A5



A86D78

# Complementary

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



6F845A



6F5A84

# 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.



9E6F8E



6F845A



687EA9

# Square

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



6F845A



348897



8876A0



A77064

# Rectangle

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



6F845A



44897B



8876A0



A66D80



# Sweetspot

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



6F845A



A2AB9A



846F5A



51574C



D6D6D6



575757



# Same Dimension

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



6F845A



8AAB6A



5A845A



3F423C



418200



010300



# Inverse Universe

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



6F5A84



8A6AAB



845A84



3F3C42



410082



010003



# Previews

## White Background



This preview shows how the Hex color 6F845A looks on a white background.

## Color Contrast Check

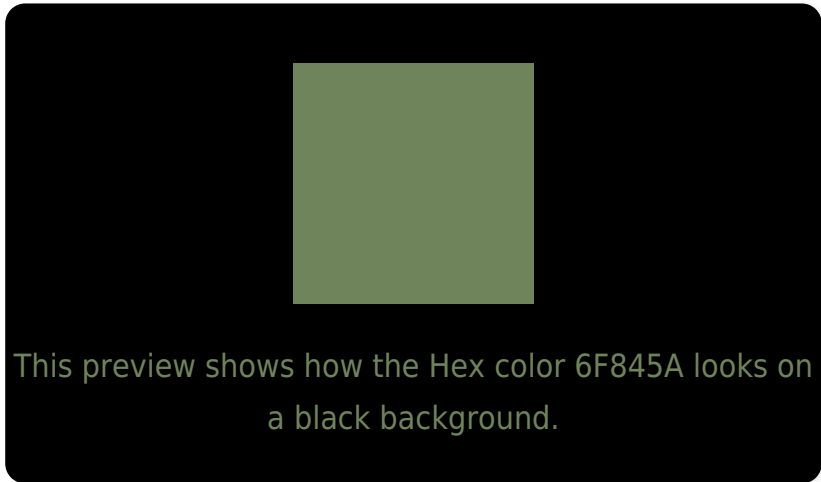
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

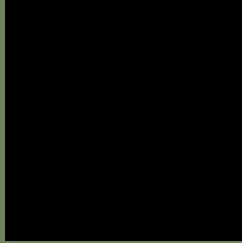
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6F845A Background



This preview shows how black text looks on a background with the Hex color 6F845A.



This preview shows how white text looks on a background with the Hex color 6F845A.

# 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



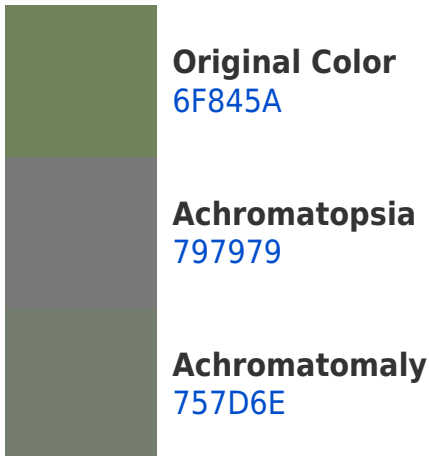


**Tritanopia**  
767E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F845A 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 #6F845A looks like.

```
.text, #text, p{  
    color:#6F845A  
}
```

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 #6F845A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F845A
}
```

## Border

The CSS property to change the border of an element to Hex 6F845A 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
#6F845A }
```

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

```
.border{ border-color:#6F845A }
```

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

Here you see how a box with a 4 pixel #6F845A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F845A; -webkit-box-shadow:4px 4px  
4px 4px #6F845A; box-shadow:4px 4px 4px  
4px #6F845A }
```

# Background

The CSS property to change the background color of an element to Hex 6F845A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F845A }
```

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

```
.background{ background-color:#6F845A }
```

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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