

# Converting Colors

Hex(685D4A)

Have a look what the booklet for  
Hex(685D4A) contains.

<b>Hex(685D4A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(685D4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	685D4A
RGB	104, 93, 74
RGB Percent	41%, 36%, 29%
CMY	0.5922, 0.6353, 0.7098
CMYK	0.00, 0.11, 0.29, 0.59
HSL	38°, 17%, 35%
HSV	38°, 29%, 41%
XYZ	10.8593, 11.2662, 8.0808
YIQ	94.1230, 12.6550, -3.5770

# Conversions

## Conversions Part 2

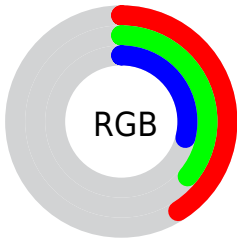
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 104, 74
Decimal	6839626
CIE Lab	40.03, 1.13, 12.55
CIE LCh	40, 12.598, 84.850
Yxy	11.2662, 0.3595, 0.3730
Android (android.graphics.Color)	4285029706 (0xFF685D4A)
YUV	94.1230, -9.9206, 8.6621
Hunter-Lab	33.5651, -0.9890, 9.2215

# Details

The Hex color **685D4A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4A5568**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **9C8F7B**, and **382F1E** is the 20% darker color. If you saturate the color by 10%, you get **685940**, and if you desaturate by 10%, it is **686154**.

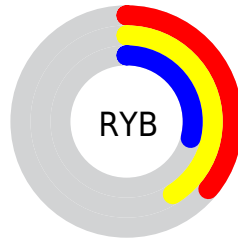
# Distribution



Red (41%)

Green (36%)

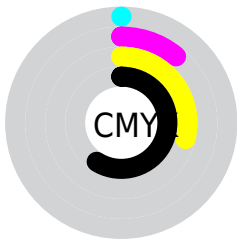
Blue (29%)



Red (36%)

Yellow (41%)

Blue (29%)

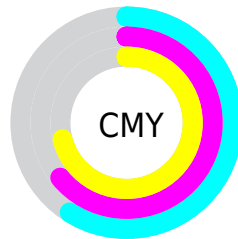


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (59%)



Cyan (59%)

Magenta (64%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 685D4A 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 685D4A by changing the saturation by 10% instead.





685D4A



685D4A

FFFFFF



504533



9C8F7B



382F1E



B7AA95



231A06



D2C5AF



030000



EFE1CB



000000



FFFDE7



685D4A



685D4A



685940



686154



685535



68655F

■ 68522B

■ 686869

■ 684E20

■ 686C74

■ 684A16

■ 68707E

■ 68460C

■ 687488

■ 684201

■ 687893

■ 684200

■ 687C9D

■ 687FA8

# Harmonies

## Analogous

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



705A4E



685D4A



5D604C

# Triad

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



685D4A



426467



6A596A

# Complementary

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



685D4A



4A5568

# 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.



5E5C71



685D4A



46636F

# Square

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



685D4A



47645C



506073



725760

# Rectangle

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



685D4A



556250



506073



665A6D



# Sweetspot

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



685D4A



87837B



684A55



45423D



C4C4C4



454545



# Same Dimension

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



685D4A



877658



65684A



33312E



734900



F29900



# Inverse Universe

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



4A5568



586987



4E4A68



2E3033



002A73



0059F2



# Previews

## White Background



This preview shows how the Hex color 685D4A looks on a white background.

## Color Contrast Check

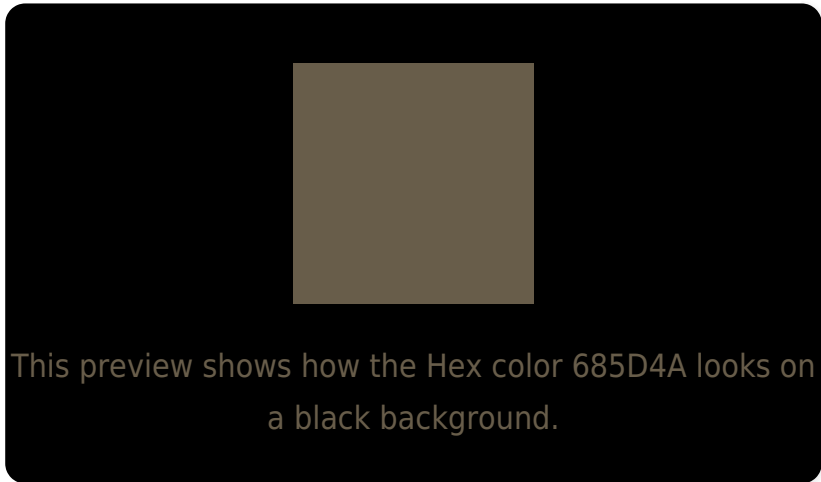
Large Text (above 18pt) WCAG AA ✓ Pass

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

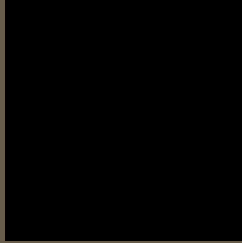
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 685D4A Background



This preview shows how black text looks on a background with the Hex color 685D4A.

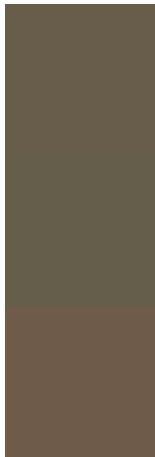


This preview shows how white text looks on a background with the Hex color 685D4A.

# 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**  
685D4A

**Protanopia**  
645E4B

**Deuteranopia**  
6E5B4A



**Tritanopia**  
6B5A61

# Trichromacy



**Original Color**  
685D4A

**Protanomaly**  
655E4B

**Deuteranomaly**  
6C5C4A

**Tritanomaly**  
6A5B59

# Monochromacy



**Original Color**  
685D4A

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
625E57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 685D4A 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 #685D4A looks like.

```
.text, #text, p{  
    color:#685D4A  
}
```

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 #685D4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685D4A
}
```

## Border

The CSS property to change the border of an element to Hex 685D4A 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".

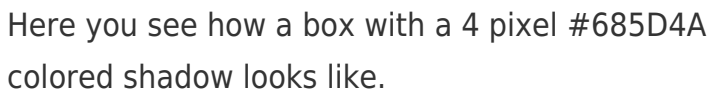
```
.border, #border, table{ border:4px solid
#685D4A }
```

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

```
.border{ border-color:#685D4A }
```

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

Here you see how a box with a 4 pixel #685D4A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685D4A; -webkit-box-shadow:4px 4px  
4px 4px #685D4A; box-shadow:4px 4px 4px  
4px #685D4A }
```

# Background

The CSS property to change the background color of an element to Hex 685D4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685D4A }
```

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

```
.background{ background-color:#685D4A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor