

# Converting Colors

Hex(685A44)

Have a look what the booklet for  
Hex(685A44) contains.

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**Color**

**Hex(685A44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	685A44
RGB	104, 90, 68
RGB Percent	41%, 35%, 27%
CMY	0.5922, 0.6471, 0.7333
CMYK	0.00, 0.13, 0.35, 0.59
HSL	37°, 21%, 34%
HSV	37°, 35%, 41%
XYZ	10.4085, 10.6727, 6.9803
YIQ	91.6780, 15.4060, -3.8740

# Conversions

## Conversions Part 2

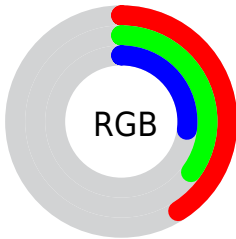
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 104, 68
Decimal	6838852
CIE <sub>Lab</sub>	39.02, 2.04, 14.82
CIE <sub>LCh</sub>	39, 14.963, 82.154
Yxy	10.6727, 0.3709, 0.3803
Android (android.graphics.Color)	4285028932 (0xFF685A44)
YUV	91.6780, -11.6733, 10.8064
Hunter-Lab	32.6692, -0.3005, 10.2001

# Details

The Hex color **685A44** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **445268**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **9C8C74**, and **382D19** is the 20% darker color. If you saturate the color by 10%, you get **68563A**, and if you desaturate by 10%, it is **685E4E**.

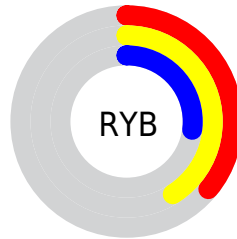
# Distribution



Red (41%)

Green (35%)

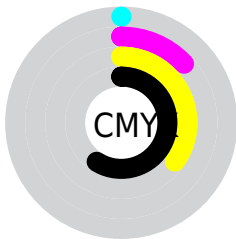
Blue (27%)



Red (36%)

Yellow (41%)

Blue (27%)

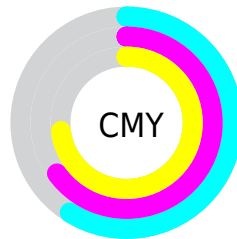


Cyan (0%)

Magenta (13%)

Yellow (35%)

Black (59%)



Cyan (59%)

Magenta (65%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 685A44 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 685A44 by changing the saturation by 10% instead.





685A44



685A44

FFFFFF



4F432E



9C8C74



382D19



B7A68E



231800



D3C1A8



000000



EFDDC4



FFFAE0

FFFFFC



685A44



685A44



68563A



685E4E

■ 68522F

■ 686259

■ 684E25

■ 686663

■ 684A1A

■ 686A6E

■ 684610

■ 686E78

■ 684206

■ 687282

■ 684000

■ 68768D

■ 687A97

■ 687EA2

# Harmonies

## Analogous

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



715649



685A44



5B5E45

# Triad

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



685A44



396365



69566B

# Complementary

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



685A44



445268

# 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.



5A5A72



685A44



3C616F

# Square

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



685A44



416358



495E74



725360

# Rectangle

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



685A44



52604A



495E74



64576E



# Sweetspot

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



685A44



87827A



684452



45423D



C4C4C4



454545



# Same Dimension

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



685A44



87714E



646844



33312E



734600



F29400



# Inverse Universe

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



445268



4E6487



484468



2E3033



002D73

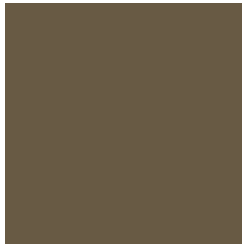


005EF2



# Previews

## White Background



This preview shows how the Hex color 685A44 looks on a white background.

## Color Contrast Check

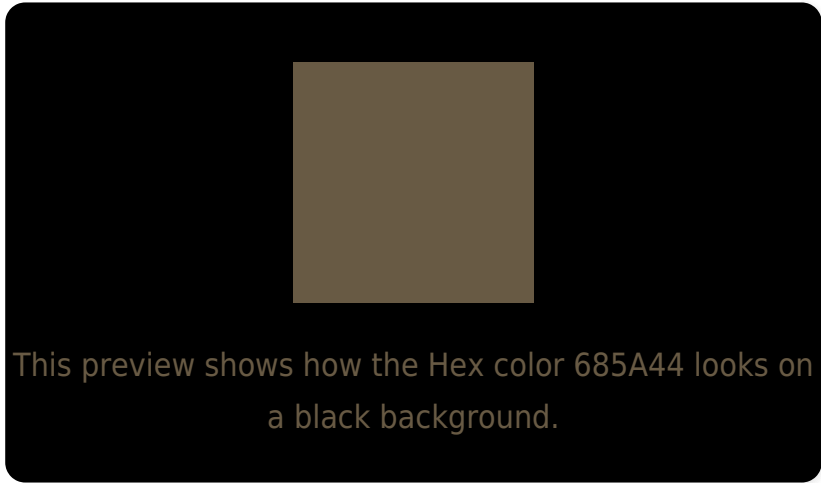
Large Text (above 18pt) WCAG AA ✓ Pass

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

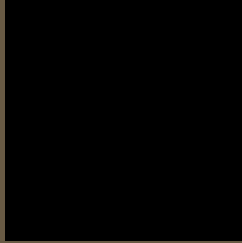
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 685A44 Background



This preview shows how black text looks on a background with the Hex color 685A44.



This preview shows how white text looks on a background with the Hex color 685A44.

# 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**  
685A44

**Protanopia**  
635C45

**Deuteranopia**  
6D5844



**Tritanopia**  
6B575D

# Trichromacy



**Original Color**  
685A44

**Protanomaly**  
655B45

**Deuteranomaly**  
6B5944

**Tritanomaly**  
6A5854

# Monochromacy



**Original Color**  
685A44

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
605B53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 685A44 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 #685A44 looks like.

```
.text, #text, p{  
    color:#685A44  
}
```

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 #685A44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685A44
}
```

## Border

The CSS property to change the border of an element to Hex 685A44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

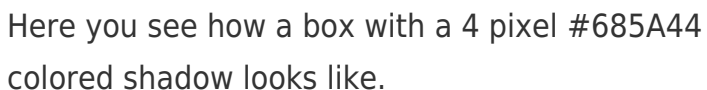
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#685A44 }
```

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

```
.border{ border-color:#685A44 }
```

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



Here you see how a box with a 4 pixel #685A44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685A44; -webkit-box-shadow:4px 4px  
4px 4px #685A44; box-shadow:4px 4px 4px  
4px #685A44 }
```

# Background

The CSS property to change the background color of an element to Hex 685A44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685A44 }
```

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

```
.background{ background-color:#685A44 }
```

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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