

# Converting Colors

Hex(685249)

Have a look what the booklet for  
Hex(685249) contains.

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**Color**

**Hex(685249)**

# Conversions

## Conversions Part 1

Format	Color
Hex	685249
RGB	104, 82, 73
RGB Percent	41%, 32%, 29%
CMY	0.5922, 0.6784, 0.7137
CMYK	0.00, 0.21, 0.30, 0.59
HSL	17°, 18%, 35%
HSV	17°, 30%, 41%
XYZ	9.9288, 9.4587, 7.6057
YIQ	87.5520, 16.0010, 1.8650

# Conversions

## Conversions Part 2

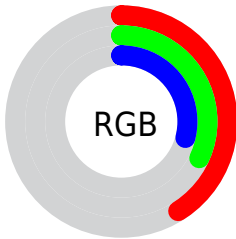
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 86, 73
Decimal	6836809
CIE Lab	36.85, 7.67, 8.76
CIE LCh	37, 11.640, 48.798
Yxy	9.4587, 0.3678, 0.3504
Android (android.graphics.Color)	4285026889 (0xFF685249)
YUV	87.5520, -7.1741, 14.4249
Hunter-Lab	30.7550, 3.8050, 6.8660

# Details

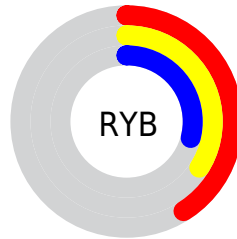
The Hex color **685249** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **495F68**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9C837A**, and **38251D** is the 20% darker color. If you saturate the color by 10%, you get **684B3F**, and if you desaturate by 10%, it is **685953**.

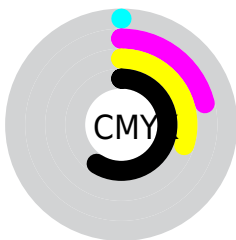
# Distribution



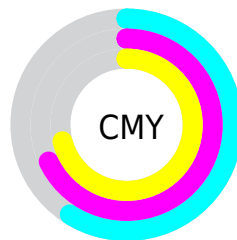
- Red (41%)
- Green (32%)
- Blue (29%)



- Red (41%)
- Yellow (34%)
- Blue (29%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (59%)



- Cyan (59%)
- Magenta (68%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 685249 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 685249 by changing the saturation by 10% instead.





685249



685249

FFFFFF



4F3B32



9C837A



38251D



B79D93



231104



D3B8AE



000000



EFD4C9



FFF0E5



685249



685249



684B3F



685953



684334



68615E

■ 683C2A

■ 686868

■ 68341F

■ 687073

■ 682D15

■ 68777D

■ 68260B

■ 687E87

■ 681E00

■ 688692

■ 688D9C

■ 6894A7

# Harmonies

## Analogous

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



6A5051



685249



615545

# Triad

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



685249



435C53



545668

# Complementary

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



685249



495F68

# 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.



485969



685249



3E5C5C

# Square

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



685249



4D5A4A



3F5B64



5F5263

# Rectangle

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



685249



5B5744



3F5B64



505769



# Sweetspot

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



685249



877F7B



68495F



453F3D



C4C4C4



454545



# Same Dimension

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



685249



876556



686149



332F2E



732100



F24600



# Inverse Universe

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



495F68



567987



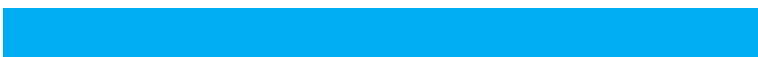
495068



2E3233



005173



00ACF2



# Previews

## White Background



This preview shows how the Hex color 685249 looks on a white background.

## Color Contrast Check

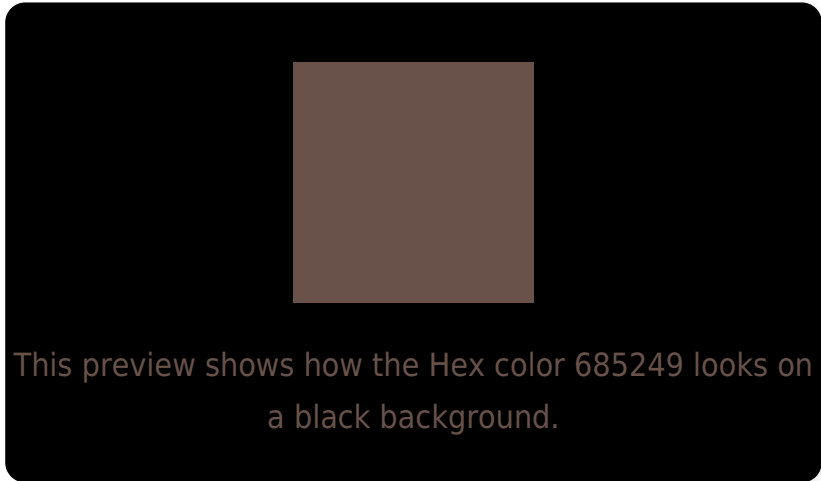
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

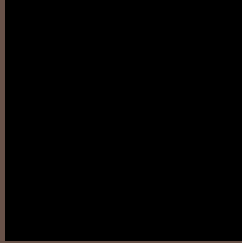
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 685249 Background



This preview shows how black text looks on a background with the Hex color 685249.



This preview shows how white text looks on a background with the Hex color 685249.

# 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**  
685249

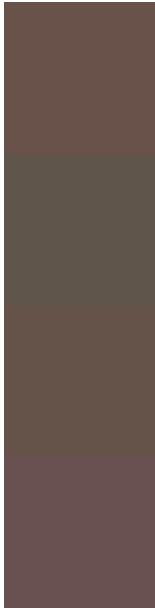
**Protanopia**  
5B574B

**Deuteranopia**  
645449



**Tritanopia**  
695056

# Trichromacy



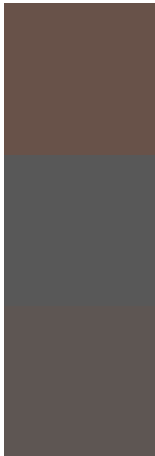
**Original Color**  
685249

**Protanomaly**  
60554A

**Deuteranomaly**  
655349

**Tritanomaly**  
695151

# Monochromacy



**Original Color**  
685249

**Achromatopsia**  
585858

**Achromatomaly**  
5E5653

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 685249 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 #685249 looks like.

```
.text, #text, p{  
    color:#685249  
}
```

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 #685249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685249
}
```

## Border

The CSS property to change the border of an element to Hex 685249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

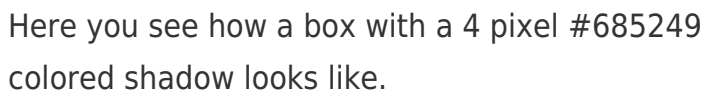
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#685249 }
```

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

```
.border{ border-color:#685249 }
```

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



Here you see how a box with a 4 pixel #685249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685249; -webkit-box-shadow:4px 4px  
4px 4px #685249; box-shadow:4px 4px 4px  
4px #685249 }
```

# Background

The CSS property to change the background color of an element to Hex 685249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685249 }
```

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

```
.background{ background-color:#685249 }
```

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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