

# Converting Colors

Hex(685A5E)

Have a look what the booklet for  
Hex(685A5E) contains.

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# Color

Hex(685A5E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	685A5E
RGB	104, 90, 94
RGB Percent	41%, 35%, 37%
CMY	0.5922, 0.6471, 0.6314
CMYK	0.00, 0.13, 0.10, 0.59
HSL	343°, 7%, 38%
HSV	343°, 13%, 41%
XYZ	11.3855, 11.0635, 12.1251
YIQ	94.6420, 7.0600, 4.2120

# Conversions

## Conversions Part 2

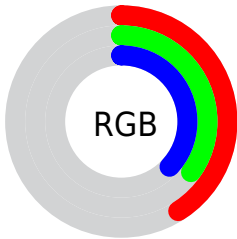
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 90, 94
Decimal	6838878
CIE Lab	39.69, 6.44, -0.21
CIE LCh	40, 6.448, 358.144
Yxy	11.0635, 0.3293, 0.3200
Android (android.graphics.Color)	4285028958 (0xFF685A5E)
YUV	94.6420, -0.3165, 8.2070
Hunter-Lab	33.2619, 2.8918, 1.6701

# Details

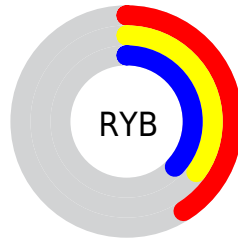
The Hex color **685A5E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A6864**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9B8C90**, and **392C30** is the 20% darker color. If you saturate the color by 10%, you get **685057**, and if you desaturate by 10%, it is **686465**.

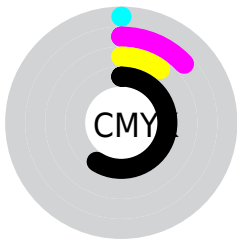
# Distribution



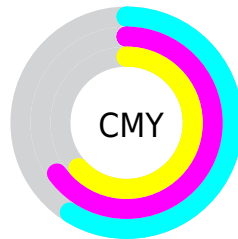
- Red (41%)
- Green (35%)
- Blue (37%)



- Red (41%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (59%)



- Cyan (59%)
- Magenta (65%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 685A5E 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 685A5E by changing the saturation by 10% instead.



685A5E

685A5E

FFFFFF

504346

9B8C90

392C30

B6A6AB

23181B

D2C2C6

0D0000

EEDDE2

000000

FFFAFF

685A5E

685A5E

685057

686465

68454F

686F6D

683B48

687974

683040

68847C

682639

688E83

681C31

68988B

68112A

68A392

680723

68AD99

68001E

68B8A1

# Harmonies

## Analogous

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



645B63



685A5E



695A59

# Triad

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



685A5E



5C5F54



536066

# Complementary

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



685A5E



5A6864

# 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.



506062



685A5E



566058

# Square

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



685A5E



625D53



52615D



585E68

# Rectangle

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



685A5E



685B56



52615D



516065



# Sweetspot

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



685A5E



878283



645A68



454142



C4C4C4



454545



# Same Dimension

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



685A5E



877278



685D5A



332E2F



730021



F20045



# Inverse Universe

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



685A5E



877278



5A6568



332E2F



730021



F20045



# Previews

## White Background



This preview shows how the Hex color 685A5E looks on a white background.

## Color Contrast Check

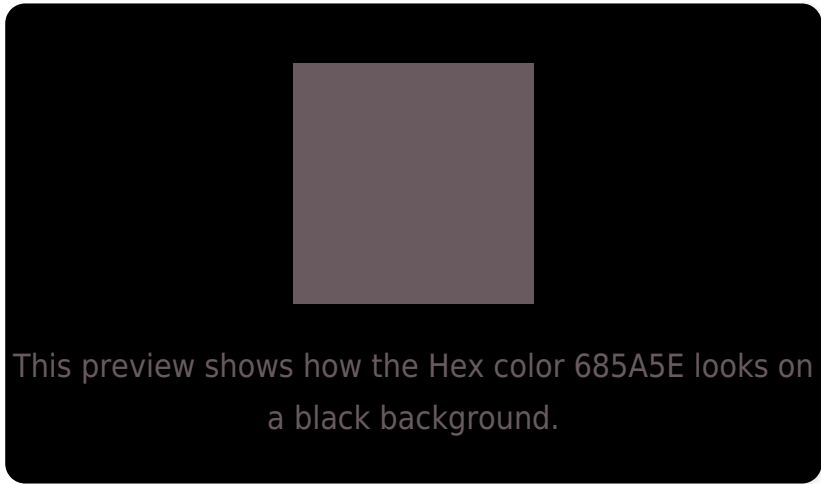
Large Text (above 18pt) WCAG AA ✓ Pass

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

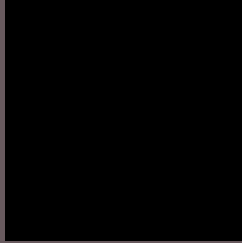
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 685A5E Background



This preview shows how black text looks on a background with the Hex color 685A5E.

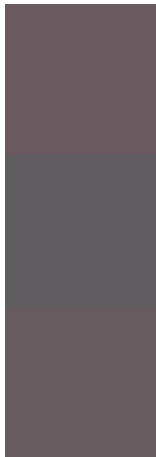


This preview shows how white text looks on a background with the Hex color 685A5E.

# 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**  
685A5E

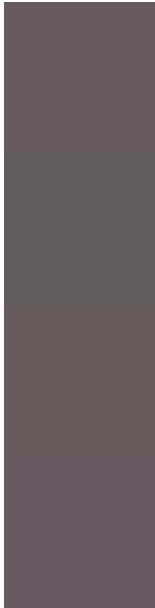
**Protanopia**  
5F5D60

**Deuteranopia**  
665B5E



**Tritanopia**  
685A61

# Trichromacy



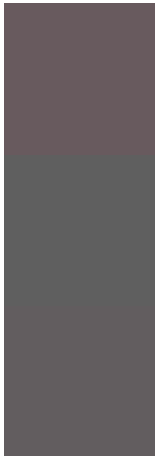
**Original Color**  
685A5E

**Protanomaly**  
625C5F

**Deuteranomaly**  
675B5E

**Tritanomaly**  
685A60

# Monochromacy



**Original Color**  
685A5E

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
625D5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 685A5E 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 #685A5E looks like.

```
.text, #text, p{  
    color:#685A5E  
}
```

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 #685A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685A5E
}
```

## Border

The CSS property to change the border of an element to Hex 685A5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

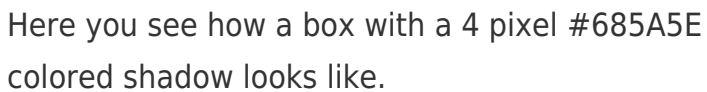
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#685A5E }
```

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

```
.border{ border-color:#685A5E }
```

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



Here you see how a box with a 4 pixel #685A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685A5E; -webkit-box-shadow:4px 4px  
4px 4px #685A5E; box-shadow:4px 4px 4px  
4px #685A5E }
```

# Background

The CSS property to change the background color of an element to Hex 685A5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685A5E }
```

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

```
.background{ background-color:#685A5E }
```

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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