

# Converting Colors

Hex(685663)

Have a look what the booklet for  
Hex(685663) contains.

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# Color

**Hex(685663)**

# Conversions

## Conversions Part 1

Format	Color
Hex	685663
RGB	104, 86, 99
RGB Percent	41%, 34%, 39%
CMY	0.5922, 0.6627, 0.6118
CMYK	0.00, 0.17, 0.05, 0.59
HSL	317°, 9%, 37%
HSV	317°, 17%, 41%
XYZ	11.2888, 10.4995, 13.2360
YIQ	92.8640, 6.5550, 7.8590

# Conversions

## Conversions Part 2

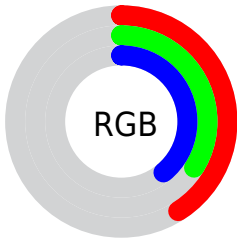
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 86, 99
Decimal	6837859
CIE Lab	38.72, 9.90, -4.72
CIE LCh	39, 10.965, 334.489
Yxy	10.4995, 0.3223, 0.2998
Android (android.graphics.Color)	4285027939 (0xFF685663)
YUV	92.8640, 3.0250, 9.7663
Hunter-Lab	32.4029, 5.4825, -1.5368

# Details

The Hex color **685663** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **56685B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9B8896**, and **392935** is the 20% darker color. If you saturate the color by 10%, you get **684C60**, and if you desaturate by 10%, it is **686066**.

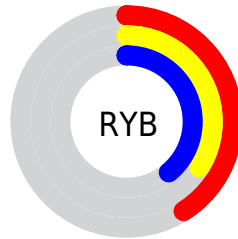
# Distribution



Red (41%)

Green (34%)

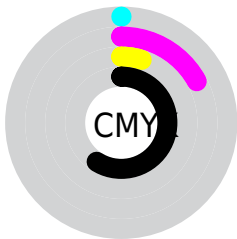
Blue (39%)



Red (41%)

Yellow (34%)

Blue (39%)

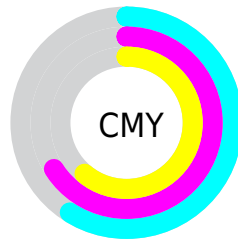


Cyan (0%)

Magenta (17%)

Yellow (5%)

Black (59%)



Cyan (59%)

Magenta (66%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 685663 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 685663 by changing the saturation by 10% instead.





685663



685663

FFFFFF



503F4B



9B8896



392935



B6A2B0



23141F



D2BDCC



090006



EED9E8



000000



FFF5FF



685663



685663



684C60



686066



68415D



686B69

68375A

68756C

682C57

68806F

682255

688A71

681852

689474

680D4F

689F77

68034C

68A97A

68004B

68B47D

# Harmonies

## Analogous

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



5F586A



685663



6D555A

# Triad

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



685663



615B4A



446065

# Complementary

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



685663



56685B

# 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.



46605C



685663



575E4C

# Square

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



685663



69584B



4D6053



495E6B

# Rectangle

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



685663



6E5554



4D6053



446062



# Sweetspot

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



685663



878085



5B5668



454144



C4C4C4



454545



# Same Dimension

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



685663



876B7F



68565A



332E32



730053



F200AF



# Inverse Universe

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



685663



876B7F



566864



332E32



730053



F200AF



# Previews

## White Background



This preview shows how the Hex color 685663 looks on a white background.

## Color Contrast Check

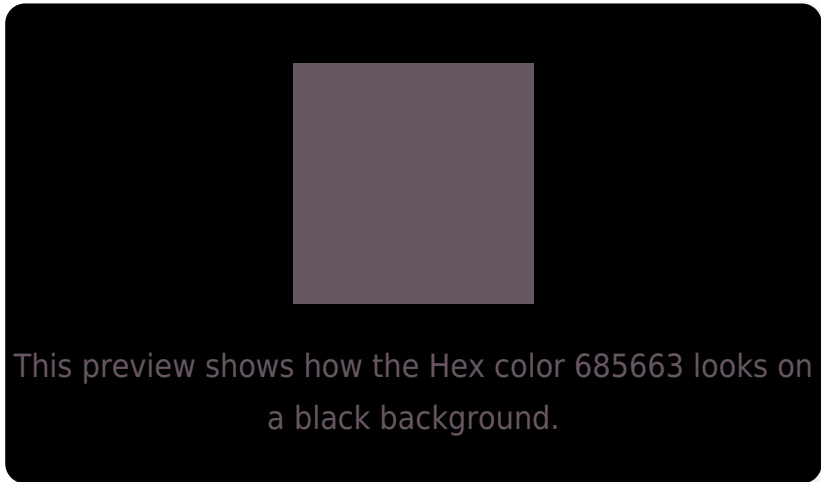
Large Text (above 18pt) WCAG AA ✓ Pass

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

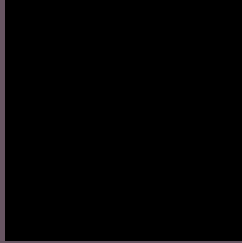
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 685663 Background



This preview shows how black text looks on a background with the Hex color 685663.

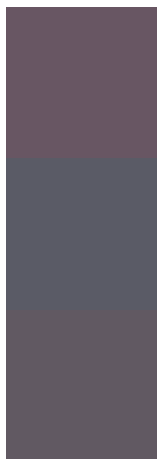


This preview shows how white text looks on a background with the Hex color 685663.

# 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**  
685663

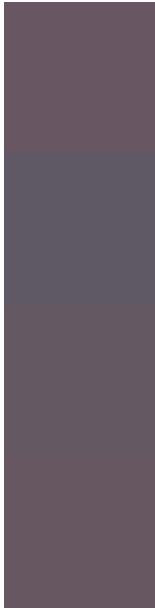
**Protanopia**  
5A5B66

**Deuteranopia**  
615962



**Tritanopia**  
67575E

# Trichromacy



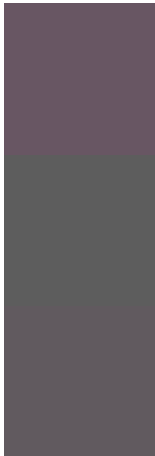
**Original Color**  
685663

**Protanomaly**  
5F5965

**Deuteranomaly**  
645862

**Tritanomaly**  
675760

# Monochromacy



**Original Color**  
685663

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
615A5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 685663 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 #685663 looks like.

```
.text, #text, p{  
    color:#685663  
}
```

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 #685663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685663  
}
```

## Border

The CSS property to change the border of an element to Hex 685663 is called "border". The border property can be set on classes, ids or directly on the HTML element.

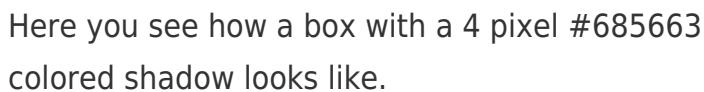
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#685663 }
```

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

```
.border{ border-color:#685663 }
```

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



Here you see how a box with a 4 pixel #685663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685663; -webkit-box-shadow:4px 4px  
4px 4px #685663; box-shadow:4px 4px 4px  
4px #685663 }
```

# Background

The CSS property to change the background color of an element to Hex 685663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685663 }
```

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

```
.background{ background-color:#685663 }
```

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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