

# Converting Colors

Hex(683F6D)

Have a look what the booklet for  
Hex(683F6D) contains.

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# Color

**Hex(683F6D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	683F6D
RGB	104, 63, 109
RGB Percent	41%, 25%, 43%
CMY	0.5922, 0.7529, 0.5725
CMYK	0.05, 0.42, 0.00, 0.57
HSL	293°, 27%, 34%
HSV	293°, 42%, 43%
XYZ	10.2467, 7.6022, 15.3953
YIQ	80.5030, 9.6700, 22.9980

# Conversions

## Conversions Part 2

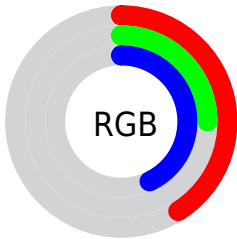
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 63, 109
Decimal	6831981
CIE <sub>Lab</sub>	33.14, 26.16, -19.47
CIE <sub>LCh</sub>	33, 32.607, 323.340
Yxy	7.6022, 0.3082, 0.2287
Android (android.graphics.Color)	4285022061 (0xFF683F6D)
YUV	80.5030, 14.0490, 20.6069
Hunter-Lab	27.5721, 18.0857, -13.8050

# Details

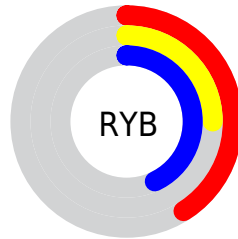
The Hex color **683F6D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **446D3F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9C70A1**, and **37123D** is the 20% darker color. If you saturate the color by 10%, you get **67346D**, and if you desaturate by 10%, it is **694A6D**.

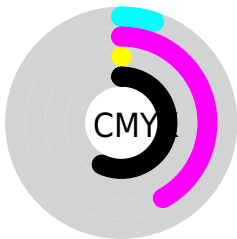
# Distribution



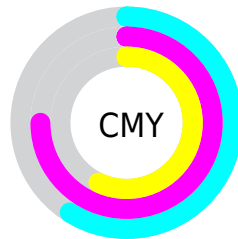
- Red (41%)
- Green (25%)
- Blue (43%)



- Red (41%)
- Yellow (25%)
- Blue (43%)



- Cyan (5%)
- Magenta (42%)
- Yellow (0%)
- Black (57%)



- Cyan (59%)
- Magenta (75%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 683F6D 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 683F6D by changing the saturation by 10% instead.





683F6D



683F6D

FFFFFF



4F2855



9C70A1



37123D



B789BC



230027



D3A4D8



000111



F0BFF4



000000



FFDBFF



FFF8FF



683F6D



683F6D



67346D



694A6D

66296D

6A556D

641E6D

6C606D

63136D

6D6B6D

62096D

6E766D

61006D

6F806D

708B6D

71966D

73A16D

# Harmonies

## Analogous

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



46497D



683F6D



7A3855

# Triad

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



683F6D



614B18



005B62

# Complementary

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



683F6D



446D3F

# 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.



005A47



683F6D



49531C

# Square

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



683F6D



744125



29582E



005877

# Rectangle

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



683F6D



7E3743



29582E



005B59



# Sweetspot

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



683F6D



8D7C8F



3F446D



463C47



C7C7C7



474747



# Same Dimension

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



683F6D



87468F



6D3F5B



353036



690075



DA00F5



# Inverse Universe

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



6D3F44



8F464E



3F6D51



363031



75000D

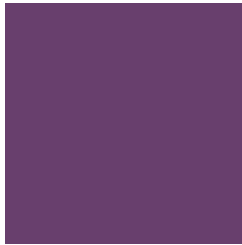


F5001B



# Previews

## White Background



This preview shows how the Hex color 683F6D looks on a white background.

## Color Contrast Check

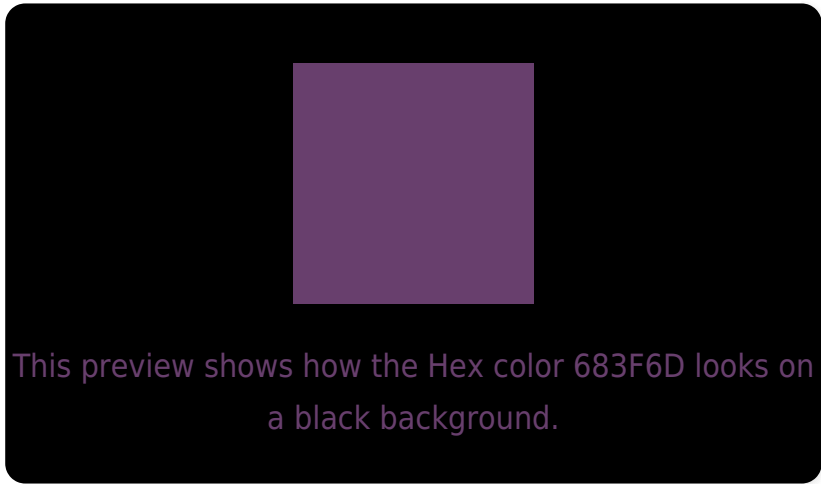
Large Text (above 18pt) WCAG AA ✓ Pass

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

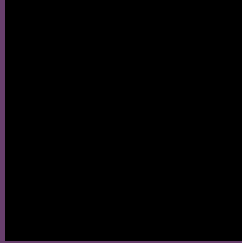
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 683F6D Background



This preview shows how black text looks on a background with the Hex color 683F6D.



This preview shows how white text looks on a background with the Hex color 683F6D.

# 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**  
683F6D

**Protanopia**  
3F4D78

**Deuteranopia**  
464D6A



**Tritanopia**  
63464C

# Trichromacy



**Original Color**  
683F6D

**Protanomaly**  
4E4874

**Deuteranomaly**  
52486B

**Tritanomaly**  
654358

# Monochromacy



**Original Color**  
683F6D

**Achromatopsia**  
515151

**Achromatomaly**  
594A5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 683F6D 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 #683F6D looks like.

```
.text, #text, p{  
    color:#683F6D  
}
```

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 #683F6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683F6D
}
```

## Border

The CSS property to change the border of an element to Hex 683F6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

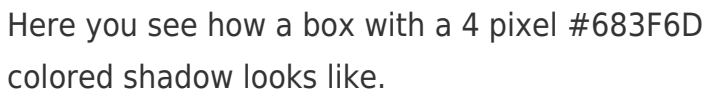
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683F6D }
```

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

```
.border{ border-color:#683F6D }
```

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



Here you see how a box with a 4 pixel #683F6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683F6D; -webkit-box-shadow:4px 4px  
4px 4px #683F6D; box-shadow:4px 4px 4px  
4px #683F6D }
```

# Background

The CSS property to change the background color of an element to Hex 683F6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683F6D }
```

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

```
.background{ background-color:#683F6D }
```

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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