

# Converting Colors

Hex(684B6E)

Have a look what the booklet for  
Hex(684B6E) contains.

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# Color

**Hex(684B6E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	684B6E
RGB	104, 75, 110
RGB Percent	41%, 29%, 43%
CMY	0.5922, 0.7059, 0.5686
CMYK	0.05, 0.32, 0.00, 0.57
HSL	290°, 19%, 36%
HSV	290°, 32%, 43%
XYZ	11.0395, 9.1010, 15.9267
YIQ	87.6610, 6.0490, 17.0330

# Conversions

## Conversions Part 2

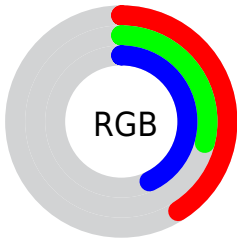
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 75, 110
Decimal	6835054
CIELab	36.18, 19.05, -15.42
CIElCh	36, 24.505, 321.015
Yxy	9.1010, 0.3061, 0.2523
Android (android.graphics.Color)	4285025134 (0xFF684B6E)
YUV	87.6610, 11.0131, 14.3293
Hunter-Lab	30.1679, 12.5256, -10.1838

# Details

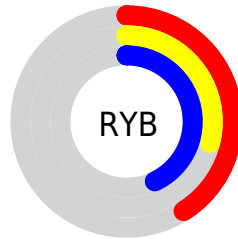
The Hex color **684B6E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **516E4B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9C7CA2**, and **381E3E** is the 20% darker color. If you saturate the color by 10%, you get **66406E**, and if you desaturate by 10%, it is **6A566E**.

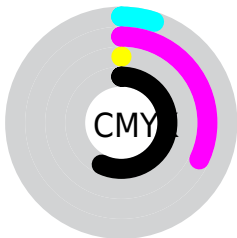
# Distribution



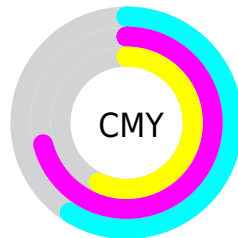
- Red (41%)
- Green (29%)
- Blue (43%)



- Red (41%)
- Yellow (29%)
- Blue (43%)



- Cyan (5%)
- Magenta (32%)
- Yellow (0%)
- Black (57%)



- Cyan (59%)
- Magenta (71%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 684B6E 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 684B6E by changing the saturation by 10% instead.





684B6E



684B6E

FFFFFF



503456



9C7CA2



381E3E



B796BD



220928



D2B1D9



000013



EFCCF5



000000



FFE9FF



684B6E



684B6E



66406E



6A566E



64356E



6C616E

622A6E

6E6C6E

601F6E

70776E

5F146E

71826E

5D096E

738D6E

5B006E

75986E

77A36E

79AE6E

# Harmonies

## Analogous

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



4E527A



684B6E



77465C

# Triad

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



684B6E



67522E



005F63

# Complementary

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



684B6E



516E4B

# 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.



225F4E



684B6E



545830

# Square

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



684B6E



754B37



3D5D3C



005D73

# Rectangle

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



684B6E



7B464F



3D5D3C



07605C



# Sweetspot

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



684B6E



8C818F



4B516E



463F47



C7C7C7



474747



# Same Dimension

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



684B6E



85598F



6E4B63



373238



630078



CD00F7



# Inverse Universe

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



6E4B51



8F5962



4B6E56



383233



780015

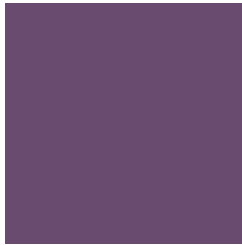


F7002A



# Previews

## White Background



This preview shows how the Hex color 684B6E looks on a white background.

## Color Contrast Check

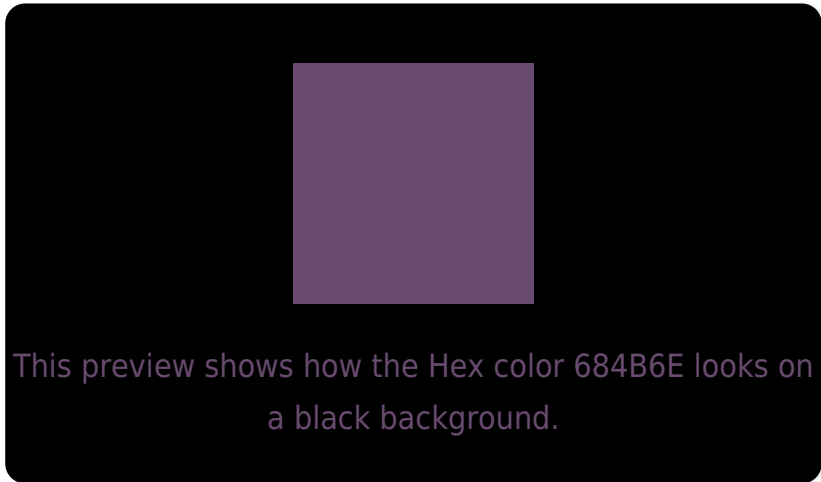
Large Text (above 18pt) WCAG AA ✓ Pass

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

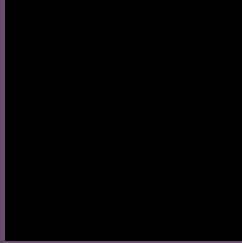
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 684B6E Background



This preview shows how black text looks on a background with the Hex color 684B6E.

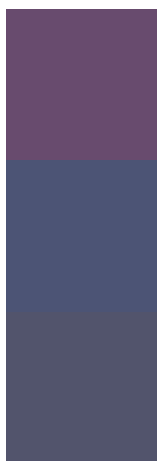


This preview shows how white text looks on a background with the Hex color 684B6E.

# 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**  
684B6E

**Protanopia**  
4C5475

**Deuteranopia**  
52546C



**Tritanopia**  
655056

# Trichromacy



**Original Color**  
684B6E

**Protanomaly**  
565172

**Deuteranomaly**  
5A516D

**Tritanomaly**  
664E5F

# Monochromacy



**Original Color**  
684B6E

**Achromatopsia**  
585858

**Achromatomaly**  
5E5360

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 684B6E 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 #684B6E looks like.

```
.text, #text, p{  
    color:#684B6E  
}
```

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 #684B6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684B6E
}
```

## Border

The CSS property to change the border of an element to Hex 684B6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

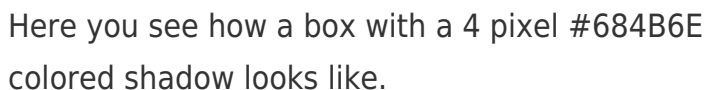
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684B6E }
```

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

```
.border{ border-color:#684B6E }
```

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



Here you see how a box with a 4 pixel #684B6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684B6E; -webkit-box-shadow:4px 4px  
4px 4px #684B6E; box-shadow:4px 4px 4px  
4px #684B6E }
```

# Background

The CSS property to change the background color of an element to Hex 684B6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684B6E }
```

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

```
.background{ background-color:#684B6E }
```

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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