

# Converting Colors

Hex(674B75)

Have a look what the booklet for  
Hex(674B75) contains.

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# Color

**Hex(674B75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	674B75
RGB	103, 75, 117
RGB Percent	40%, 29%, 46%
CMY	0.5961, 0.7059, 0.5412
CMYK	0.12, 0.36, 0.00, 0.54
HSL	280°, 22%, 38%
HSV	280°, 36%, 46%
XYZ	11.3205, 9.2001, 18.0088
YIQ	88.1600, 3.2060, 18.9980

# Conversions

## Conversions Part 2

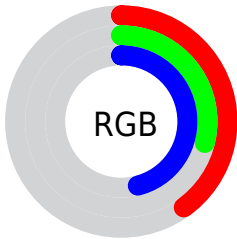
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 75, 117
Decimal	6769525
CIELab	36.37, 20.29, -19.50
CIElCh	36, 28.137, 316.139
Yxy	9.2001, 0.2938, 0.2388
Android (android.graphics.Color)	4284959605 (0xFF674B75)
YUV	88.1600, 14.2181, 13.0147
Hunter-Lab	30.3316, 13.5401, -13.9700

# Details

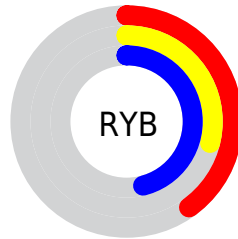
The Hex color **674B75** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **59754B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9B7CA9**, and **371E45** is the 20% darker color. If you saturate the color by 10%, you get **633F75**, and if you desaturate by 10%, it is **6B5775**.

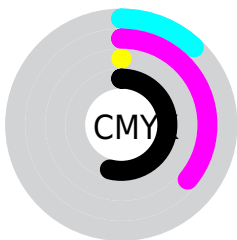
# Distribution



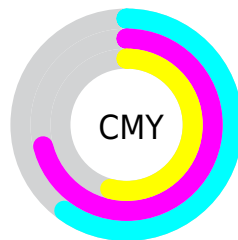
- Red (40%)
- Green (29%)
- Blue (46%)



- Red (40%)
- Yellow (29%)
- Blue (46%)



- Cyan (12%)
- Magenta (36%)
- Yellow (0%)
- Black (54%)



- Cyan (60%)
- Magenta (71%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 674B75 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 674B75 by changing the saturation by 10% instead.



674B75

674B75

FFFFFF

4E345C

9B7CA9

371E45

B696C5

21092E

D2B1E1

000019

EECDFD

000000

FFE9FF

674B75

674B75

633F75

6B5775

5F3475

6F6275

■ 5B2875

■ 736E75

■ 571C75

■ 777A75

■ 541175

■ 7B8575

■ 500575

■ 7E9175

■ 4E0075

■ 829D75

■ 86A975

■ 8AB475

# Harmonies

## Analogous

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



475481



674B75



7A4461

# Triad

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



674B75



6C5129



006161

# Complementary

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



674B75



59754B

# 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.



1C614A



674B75



575829

# Square

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



674B75



7B4936



3E5E35



005F75

# Rectangle

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



674B75



804352



3E5E35



00615A



# Sweetspot

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



674B75



938899



4B5975



49434D



CCCCCC



4D4D4D



# Same Dimension

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



674B75



835799



754B6E



39353B



52007A



A700FA



# Inverse Universe

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



754B59



99576D



4B7552



3B3537



7A0029



FA0053



# Previews

## White Background



This preview shows how the Hex color 674B75 looks on a white background.

## Color Contrast Check

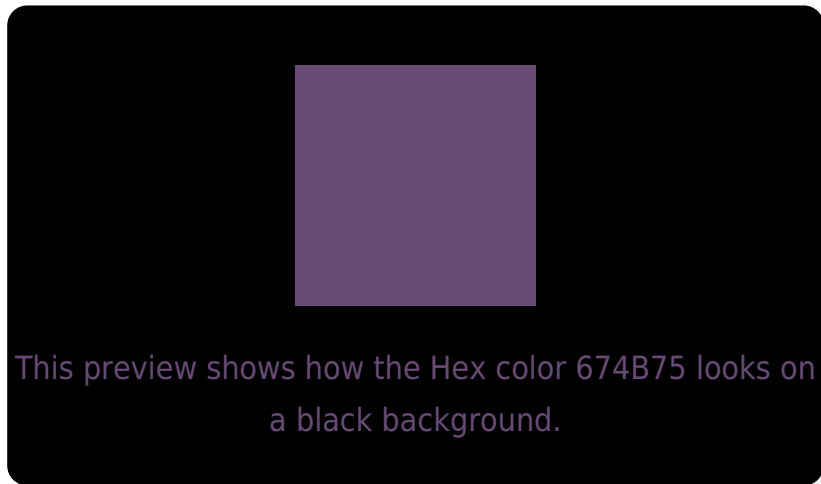
Large Text (above 18pt) WCAG AA ✓ Pass

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

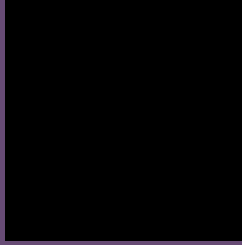
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 674B75 Background



This preview shows how black text looks on a background with the Hex color 674B75.

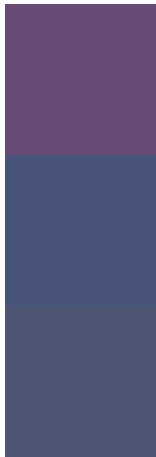


This preview shows how white text looks on a background with the Hex color 674B75.

# 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**  
674B75

**Protanopia**  
49547C

**Deuteranopia**  
4E5573



**Tritanopia**  
625157

# Trichromacy



**Original Color**  
674B75

**Protanomaly**  
545179

**Deuteranomaly**  
575174

**Tritanomaly**  
644F62

# Monochromacy



**Original Color**  
674B75

**Achromatopsia**  
585858

**Achromatomaly**  
5D5363

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 674B75 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 #674B75 looks like.

```
.text, #text, p{  
    color:#674B75  
}
```

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 #674B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674B75
}
```

## Border

The CSS property to change the border of an element to Hex 674B75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

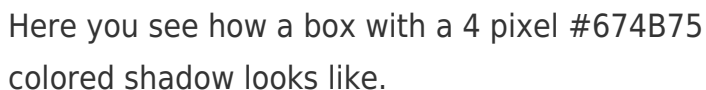
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674B75 }
```

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

```
.border{ border-color:#674B75 }
```

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



Here you see how a box with a 4 pixel #674B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674B75; -webkit-box-shadow:4px 4px  
4px 4px #674B75; box-shadow:4px 4px 4px  
4px #674B75 }
```

# Background

The CSS property to change the background color of an element to Hex 674B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674B75 }
```

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

```
.background{ background-color:#674B75 }
```

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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