

# Converting Colors

Hex(674857)

Have a look what the booklet for  
Hex(674857) contains.

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**Color**

**Hex(674857)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	674857
RGB	103, 72, 87
RGB Percent	40%, 28%, 34%
CMY	0.5961, 0.7176, 0.6588
CMYK	0.00, 0.30, 0.16, 0.60
HSL	331°, 18%, 34%
HSV	331°, 30%, 40%
XYZ	9.6312, 8.2064, 10.0932
YIQ	82.9790, 13.6610, 11.2370

# Conversions

## Conversions Part 2

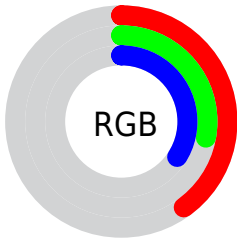
Format	Color
<a href="#">RYB</a>	<a href="#">103, 72, 87</a>
Decimal	<a href="#">6768727</a>
CIELab	<a href="#">34.41, 15.82, -3.60</a>
CIElCh	<a href="#">34, 16.229, 347.174</a>
Yxy	<a href="#">8.2064, 0.3448, 0.2938</a>
Android (android.graphics.Color)	<a href="#">4284958807 (0xFF674857)</a>
YUV	<a href="#">82.9790, 1.9824, 17.5584</a>
Hunter-Lab	<a href="#">28.6468, 9.8805, -0.8370</a>

# Details

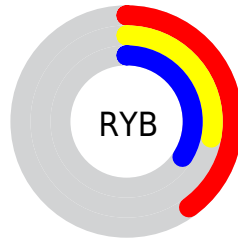
The Hex color **674857** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **486758**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9B7989**, and **371C2A** is the 20% darker color. If you saturate the color by 10%, you get **673E52**, and if you desaturate by 10%, it is **67525C**.

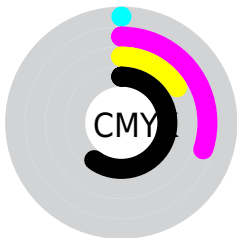
# Distribution



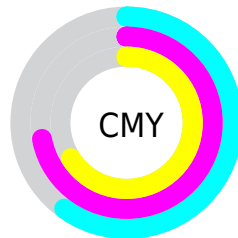
- Red (40%)
- Green (28%)
- Blue (34%)



- Red (40%)
- Yellow (28%)
- Blue (34%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (60%)



- Cyan (60%)
- Magenta (72%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 674857 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 674857 by changing the saturation by 10% instead.



674857

674857

FFFFFF

4F3140

9B7989

371C2A

B693A3

220415

D1ADBE

000000

EEC9DA

FFE5F6

674857

674857

673E52

67525C

67334C

675D62

672947

676767

671F42

67716C

67153C

677C72

670A37

678677

670032

67907C

679A82

67A587

# Harmonies

## Analogous

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



5C4B63



674857



6B484A

# Triad

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



674857



535238



2B5763

# Complementary

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



674857



486758

# 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.



2B5858



674857



44563F

# Square

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



674857



5F4E38



35584B



39546A

# Rectangle

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



674857



6A4942



35584B



2A5760



# Sweetspot

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



674857



877B81



584867



453D41



C4C4C4



454545



# Same Dimension

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



674857



87566E



674848



332E30



730038



F20075



# Inverse Universe

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



674857



87566E



486767



332E30



730038

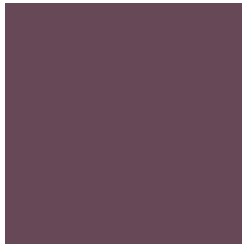


F20075



# Previews

## White Background



This preview shows how the Hex color 674857 looks on a white background.

## Color Contrast Check

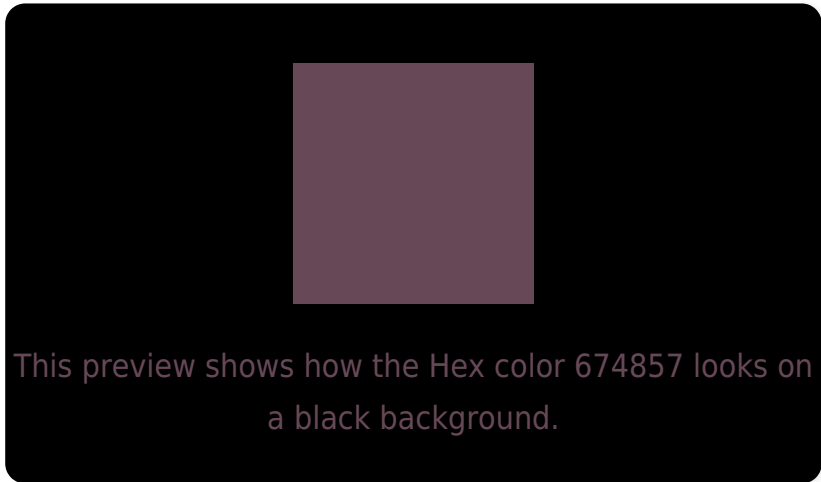
Large Text (above 18pt) WCAG AA ✓ Pass

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

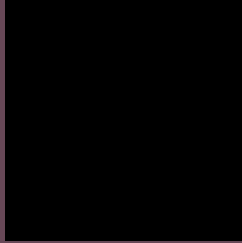
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 674857 Background



This preview shows how black text looks on a background with the Hex color 674857.



This preview shows how white text looks on a background with the Hex color 674857.

# 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**  
674857

**Protanopia**  
4F515C

**Deuteranopia**  
574F56



**Tritanopia**  
66494F

# Trichromacy



**Original Color**

674857

**Protanomaly**

584E5A

**Deuteranomaly**

5D4C56

**Tritanomaly**

664952

# Monochromacy



**Original Color**

674857

**Achromatopsia**

535353

**Achromatomaly**

5A4F54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 674857 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 #674857 looks like.

```
.text, #text, p{  
    color:#674857  
}
```

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 #674857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674857  
}
```

## Border

The CSS property to change the border of an element to Hex 674857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

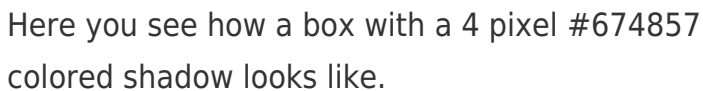
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#674857 }
```

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

```
.border{ border-color:#674857 }
```

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



Here you see how a box with a 4 pixel #674857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674857; -webkit-box-shadow:4px 4px  
4px 4px #674857; box-shadow:4px 4px 4px  
4px #674857 }
```

# Background

The CSS property to change the background color of an element to Hex 674857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674857 }
```

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

```
.background{ background-color:#674857 }
```

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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