

# Converting Colors

Hex(674A87)

Have a look what the booklet for  
Hex(674A87) contains.

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# Color

**Hex(674A87)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	674A87
RGB	103, 74, 135
RGB Percent	40%, 29%, 53%
CMY	0.5961, 0.7098, 0.4706
CMYK	0.24, 0.45, 0.00, 0.47
HSL	269°, 29%, 41%
HSV	269°, 45%, 53%
XYZ	12.4155, 9.5304, 24.1069
YIQ	89.6250, -2.2970, 25.1190

# Conversions

## Conversions Part 2

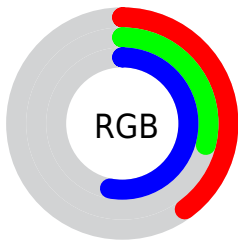
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 74, 135
Decimal	6769287
CIE <sub>Lab</sub>	36.99, 25.31, -29.64
CIE <sub>LCh</sub>	37, 38.971, 310.494
Yxy	9.5304, 0.2696, 0.2069
Android (android.graphics.Color)	4284959367 (0xFF674A87)
<b>YUV</b>	89.6250, 22.3699, 11.7299
Hunter-Lab	30.8713, 17.7622, -24.6885

# Details

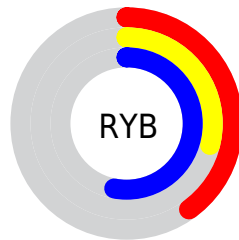
The Hex color **674A87** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **6A874A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9B7BBD**, and **361D55** is the 20% darker color. If you saturate the color by 10%, you get **603D87**, and if you desaturate by 10%, it is **6E5887**.

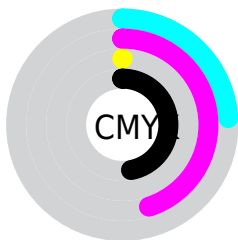
# Distribution



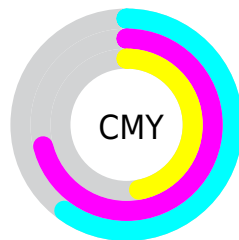
- Red (40%)
- Green (29%)
- Blue (53%)



- Red (40%)
- Yellow (29%)
- Blue (53%)



- Cyan (24%)
- Magenta (45%)
- Yellow (0%)
- Black (47%)



- Cyan (60%)
- Magenta (71%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 674A87 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 674A87 by changing the saturation by 10% instead.



674A87

674A87

FFFFFF

4E336D

9B7BBD

361D55

B795D9

1E073D

D3B0F5

010027

EFCCFF

000110

FFE8FF

000000

674A87

674A87

603D87

6E5887

592F87

756587

522187

7C7387

4B1487

838087

440687

8A8E87

400087

919B87

99A987

A0B687

A7C487

# Harmonies

## Analogous

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



2E5795



674A87



853E6D

# Triad

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



674A87



784E19



006661

# Complementary

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



674A87



6A874A

# 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.



006541



674A87



5D5913

# Square

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



674A87



8B4230



3B6124



00657F

# Rectangle

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



674A87



8F3A58



3B6124



006657



# Sweetspot

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



674A87



A397B0



4A6B87



514A59



D9D9D9



595959



# Same Dimension

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



674A87



7E51B0



854A87



3F3C42



3E0082



010003



# Inverse Universe

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



874A6A



B05183



4C874A



423C3F



820044

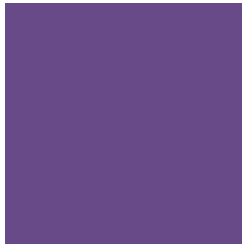


030001



# Previews

## White Background



This preview shows how the Hex color 674A87 looks on a white background.

## Color Contrast Check

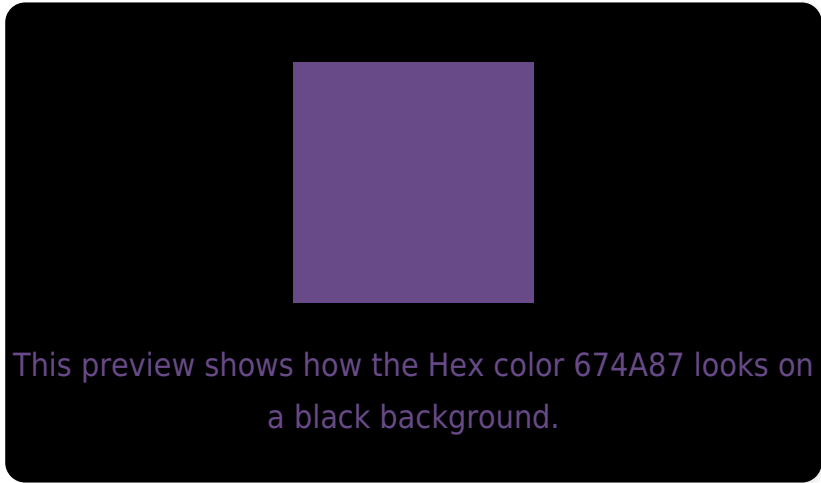
Large Text (above 18pt) WCAG AA ✓ Pass

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

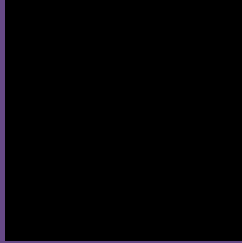
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 674A87 Background



This preview shows how black text looks on a background with the Hex color 674A87.

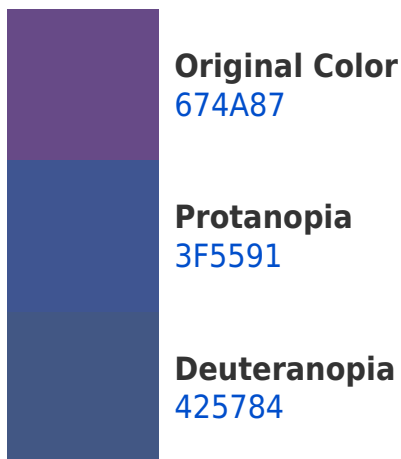


This preview shows how white text looks on a background with the Hex color 674A87.

# 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





**Tritanopia**  
5F545B

# Trichromacy



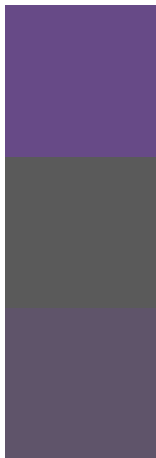
**Original Color**  
674A87

**Protanomaly**  
4E518D

**Deuteranomaly**  
4F5285

**Tritanomaly**  
62506B

# Monochromacy



**Original Color**  
674A87

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
5F546A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 674A87 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 #674A87 looks like.

```
.text, #text, p{  
    color:#674A87  
}
```

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 #674A87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674A87
}
```

## Border

The CSS property to change the border of an element to Hex 674A87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

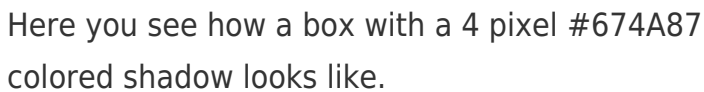
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674A87 }
```

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

```
.border{ border-color:#674A87 }
```

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



Here you see how a box with a 4 pixel #674A87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674A87; -webkit-box-shadow:4px 4px  
4px 4px #674A87; box-shadow:4px 4px 4px  
4px #674A87 }
```

# Background

The CSS property to change the background color of an element to Hex 674A87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674A87 }
```

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

```
.background{ background-color:#674A87 }
```

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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