

Converting Colors

Hex(672A74)

Have a look what the booklet for
Hex(672A74) contains.

Hex(672A74)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(672A74)

Conversions

Conversions Part 1

Format	Color
Hex	672A74
RGB	103, 42, 116
RGB Percent	40%, 16%, 45%
CMY	0.5961, 0.8353, 0.5451
CMYK	0.11, 0.64, 0.00, 0.55
HSL	289°, 47%, 31%
HSV	289°, 64%, 45%
XYZ	9.5739, 5.8004, 17.1380
YIQ	68.6750, 12.6020, 35.9460

Conversions

Conversions Part 2

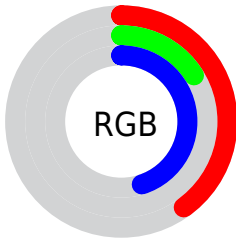
Format	Color
R_{YB}	103, 42, 116
Decimal	6761076
CIE _{Lab}	28.90, 39.09, -30.57
CIE _{LCh}	29, 49.623, 321.979
Yxy	5.8004, 0.2945, 0.1784
Android (android.graphics.Color)	4284951156 (0xFF672A74)
YUV	68.6750, 23.3312, 30.1030
Hunter-Lab	24.0841, 28.8097, -25.3312

Details

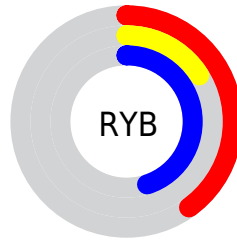
The Hex color **672A74** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **37742A**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9C5CA8**, and **350043** is the 20% darker color. If you saturate the color by 10%, you get **651E74**, and if you desaturate by 10%, it is **693674**.

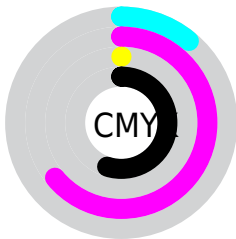
Distribution



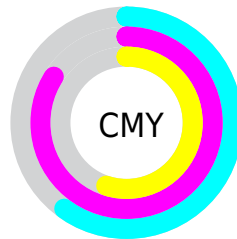
- Red (40%)
- Green (16%)
- Blue (45%)



- Red (40%)
- Yellow (16%)
- Blue (45%)



- Cyan (11%)
- Magenta (64%)
- Yellow (0%)
- Black (55%)



- Cyan (60%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 672A74 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 672A74 by changing the saturation by 10% instead.

672A74

672A74

FFFFFF

4E105B

9C5CA8

350043

B875C4

21002D

D490E0

000117

F1ABFD

000000

FFC6FF

FFE3FF

672A74

672A74

651E74

693674

 631374


 6B4174

 610774

 6D4D74

 600074

 6F5874

 716474

 737074

 757B74

 778774

 799274

Harmonies

Analogous

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



253F8C



672A74



821450

Triad

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



672A74



5D3F00



005560

Complementary

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



672A74



37742A

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.



005438



672A74



394B00

Square

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



672A74



772D03



00510E



005380

Rectangle

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



672A74



861237



00510E



005553

Sweetspot

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



672A74



917A96



2A3874



493B4D



CCCCCC



4D4D4D

Same Dimension

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



672A74



822396



742A5D



3A353B



65007A



CE00FA

Inverse Universe

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



742A37



962337



2A7441



3B3536



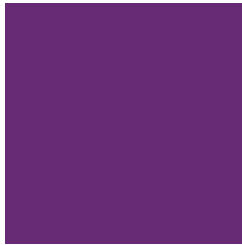
7A0016



FA002C

Previews

White Background



This preview shows how the Hex color 672A74 looks on a white background.

Color Contrast Check

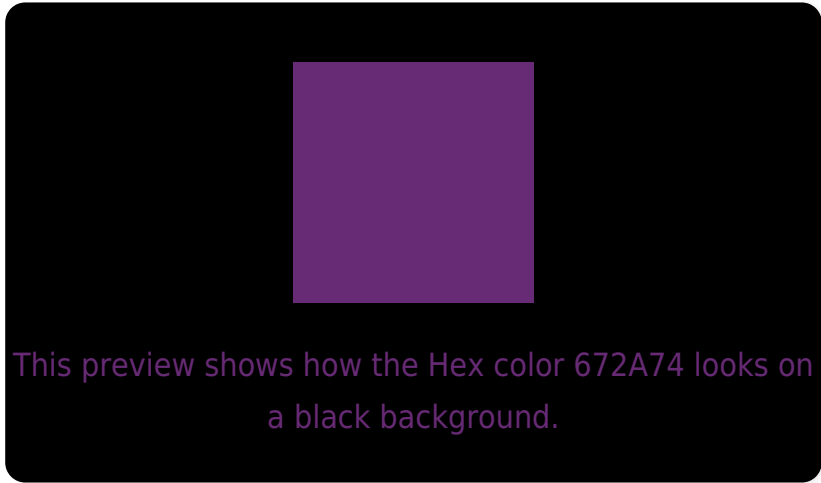
Large Text (above 18pt) WCAG AA ✓ Pass

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

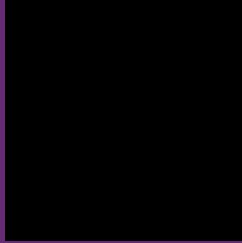
Any Text WCAG AA × Fail

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 672A74 Background



This preview shows how black text looks on a background with the Hex color 672A74.

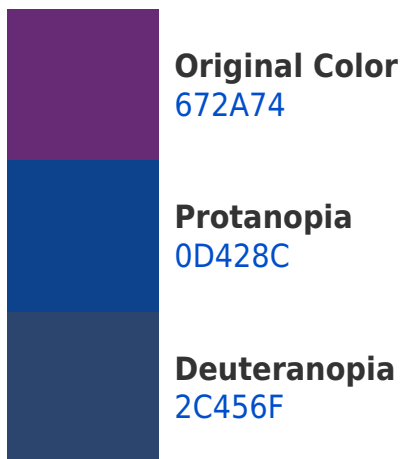


This preview shows how white text looks on a background with the Hex color 672A74.

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
603A3E

Trichromacy



Original Color
672A74



Protanomaly
2E3983



Deuteranomaly
413B71



Tritanomaly
633452

Monochromacy



Original Color
672A74



Achromatopsia
454545



Achromatomaly
513B56

CSS Examples

Text

The CSS property to change the color of the text to Hex 672A74 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 #672A74 looks like.

```
.text, #text, p{  
    color:#672A74  
}
```

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 #672A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #672A74
}
```

Border

The CSS property to change the border of an element to Hex 672A74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

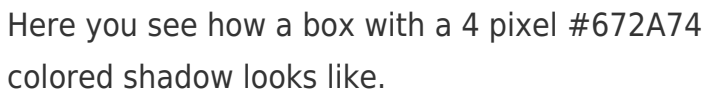
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#672A74 }
```

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

```
.border{ border-color:#672A74 }
```

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



Here you see how a box with a 4 pixel #672A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #672A74; -webkit-box-shadow:4px 4px  
4px 4px #672A74; box-shadow:4px 4px 4px  
4px #672A74 }
```

Background

The CSS property to change the background color of an element to Hex 672A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#672A74 }
```

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

```
.background{ background-color:#672A74 }
```

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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