

Converting Colors

Hex(724C74)

Have a look what the booklet for
Hex(724C74) contains.

Hex(724C74)	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(724C74)

Conversions

Conversions Part 1

Format	Color
Hex	724C74
RGB	114, 76, 116
RGB Percent	45%, 30%, 45%
CMY	0.5529, 0.7020, 0.5451
CMYK	0.02, 0.34, 0.00, 0.55
HSL	297°, 21%, 38%
HSV	297°, 34%, 45%
XYZ	12.6763, 10.0072, 17.7865
YIQ	91.9220, 9.8080, 20.4960

Conversions

Conversions Part 2

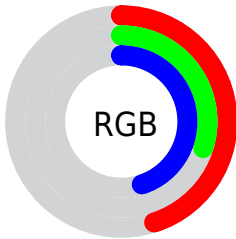
Format	Color
RYB	114, 76, 116
Decimal	7490676
CIELab	37.86, 23.32, -16.48
CIElCh	38, 28.556, 324.762
Yxy	10.0072, 0.3132, 0.2473
Android (android.graphics.Color)	4285680756 (0xFF724C74)
YUV	91.9220, 11.8705, 19.3624
Hunter-Lab	31.6342, 16.1674, -11.1921

Details

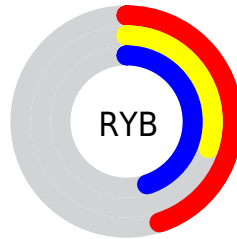
The Hex color **724C74** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4E744C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **A77EA8**, and **411E44** is the 20% darker color. If you saturate the color by 10%, you get **714074**, and if you desaturate by 10%, it is **735874**.

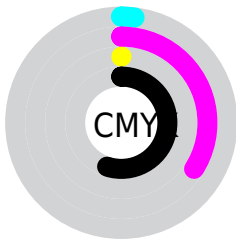
Distribution



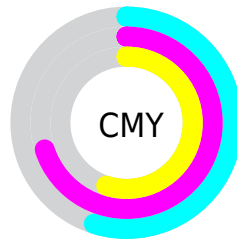
- Red (45%)
- Green (30%)
- Blue (45%)



- Red (45%)
- Yellow (30%)
- Blue (45%)



- Cyan (2%)
- Magenta (34%)
- Yellow (0%)
- Black (55%)



- Cyan (55%)
- Magenta (70%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 724C74 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 724C74 by changing the saturation by 10% instead.

■ 724C74

■ 724C74

FFFFFF

■ 59355B

■ A77EA8

■ 411E44

■ C298C3

■ 2A092D

■ DEB3DF

■ 130019

■ FBCEFC

■ 000000

■ FFEBFF

■ 724C74

■ 724C74

■ 714074

■ 735874

■ 713574

■ 736374

702974

746F74

701E74

747A74

6F1274

758674

6F0674

759274

6E0074

769D74

77A974

77B474

Harmonies

Analogous

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



555583



724C74



82475E

Triad

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



724C74



6B562A



00656C

Complementary

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



724C74



4E744C

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.



0E6554



724C74



545E2E

Square

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



724C74



7C4E34



39623E



00627E

Rectangle

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



724C74



85474E



39623E



006564

Sweetspot

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



724C74



968796



4C4E74



4C434D



CCCCCC



4D4D4D

Same Dimension

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



724C74



935996



744C62



3A353B



74007A



ED00FA

Inverse Universe

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



744C4E



96595C



4C745E



3B3535



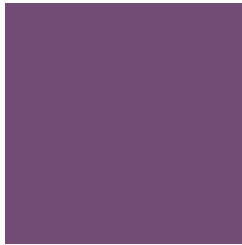
7A0006



FA000C

Previews

White Background



This preview shows how the Hex color 724C74 looks on a white background.

Color Contrast Check

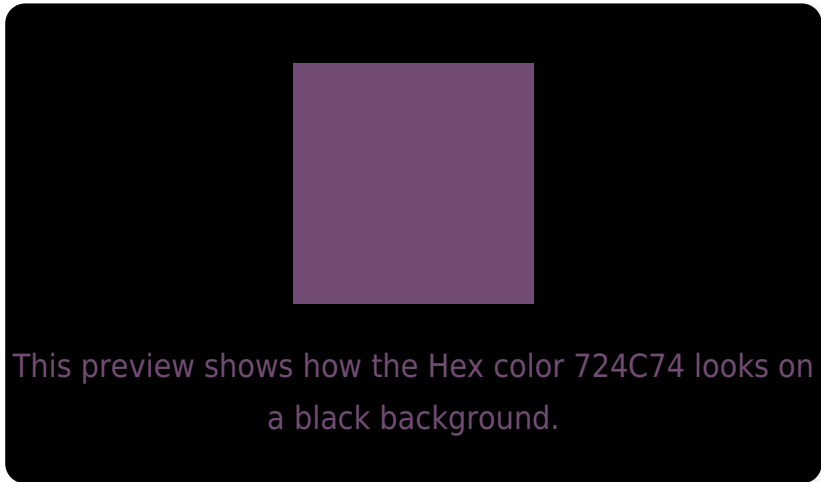
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

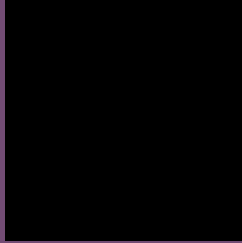
Any Text WCAG AA × Fail

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 724C74 Background



This preview shows how black text looks on a background with the Hex color 724C74.

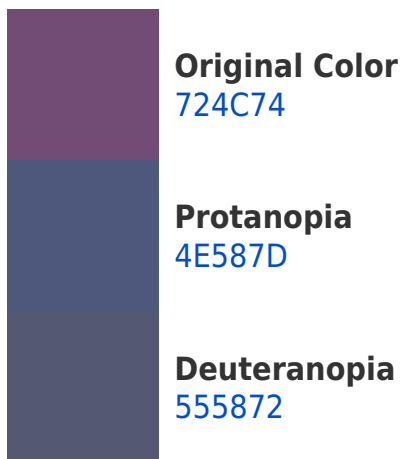



This preview shows how white text looks on a background with the Hex color 724C74.

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
6E5258

Trichromacy



Original Color
724C74

Protanomaly
5B547A

Deuteranomaly
605473

Tritanomaly
6F5062

Monochromacy



Original Color
724C74

Achromatopsia
5C5C5C

Achromatomaly
645665

CSS Examples

Text

The CSS property to change the color of the text to Hex 724C74 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 #724C74 looks like.

```
.text, #text, p{  
    color:#724C74  
}
```

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 #724C74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #724C74
}
```

Border

The CSS property to change the border of an element to Hex 724C74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

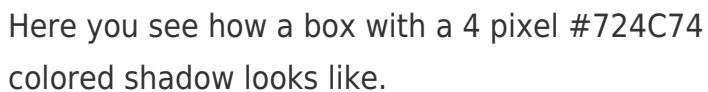
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#724C74 }
```

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

```
.border{ border-color:#724C74 }
```

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



Here you see how a box with a 4 pixel #724C74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #724C74; -webkit-box-shadow:4px 4px  
4px 4px #724C74; box-shadow:4px 4px 4px  
4px #724C74 }
```

Background

The CSS property to change the background color of an element to Hex 724C74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#724C74 }
```

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

```
.background{ background-color:#724C74 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor