

Converting Colors

Hex(734A7C)

Have a look what the booklet for
Hex(734A7C) contains.

Hex(734A7C)	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(734A7C)

Conversions

Conversions Part 1

Format	Color
Hex	734A7C
RGB	115, 74, 124
RGB Percent	45%, 29%, 49%
CMY	0.5490, 0.7098, 0.5137
CMYK	0.07, 0.40, 0.00, 0.51
HSL	289°, 25%, 39%
HSV	289°, 40%, 49%
XYZ	13.1571, 9.9976, 20.3051
YIQ	91.9590, 8.3860, 24.2420

Conversions

Conversions Part 2

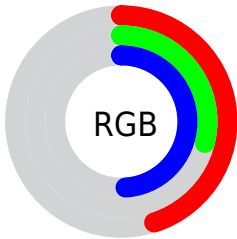
Format	Color
R_{YB}	115, 74, 124
Decimal	7555708
CIE _{Lab}	37.84, 26.59, -21.44
CIE _{LCh}	38, 34.155, 321.118
Yxy	9.9976, 0.3027, 0.2300
Android (android.graphics.Color)	4285745788 (0xFF734A7C)
YUV	91.9590, 15.7962, 20.2070
Hunter-Lab	31.6190, 18.9429, -15.9414

Details

The Hex color **734A7C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **537C4A**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **A87CB1**, and **421C4B** is the 20% darker color. If you saturate the color by 10%, you get **713E7C**, and if you desaturate by 10%, it is **75567C**.

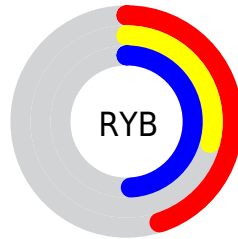
Distribution



 Red (45%)

 Green (29%)

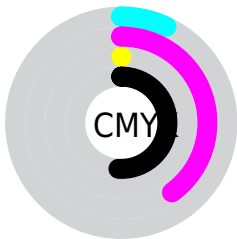
 Blue (49%)



 Red (45%)

 Yellow (29%)

 Blue (49%)

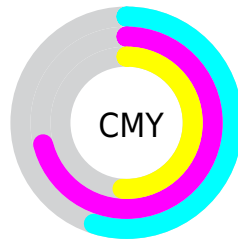


 Cyan (7%)

 Magenta (40%)

 Yellow (0%)

 Black (51%)



 Cyan (55%)

 Magenta (71%)

 Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 734A7C 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 734A7C by changing the saturation by 10% instead.

 734A7C

 734A7C

FFFFFF

 5A3363

 A87CB1

 421C4B

 C396CC

 2A0634

 E0B1E9

 15001F

 FCCCFE

 000001

 FFE9FF

 000000

 734A7C

 734A7C

 713E7C

 75567C

 6F317C

 77637C

6C257C

7A6F7C

6A187C

7C7C7C

680C7C

7E887C

66007C

80947C

83A17C

85AD7C

87BA7C

Harmonies

Analogous

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



4D558D



734A7C



884262

Triad

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



734A7C



705521



00676C

Complementary

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



734A7C



537C4A

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.



006650



734A7C



565D23

Square

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



734A7C



834A2F



356335



006483

Rectangle

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



734A7C



8D4150



356335



006763

Sweetspot

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



734A7C



9D8DA1



4A537C



504652



D1D1D1



525252

Same Dimension

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



734A7C



9354A1



7C4A6C



3C373D



66007D



CF00FC

Inverse Universe

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



7C4A53



A15461



4A7C5A



3D3738



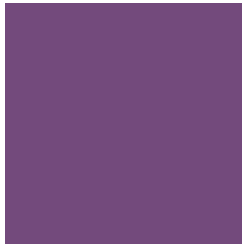
7D0016



FC002D

Previews

White Background



This preview shows how the Hex color 734A7C looks on a white background.

Color Contrast Check

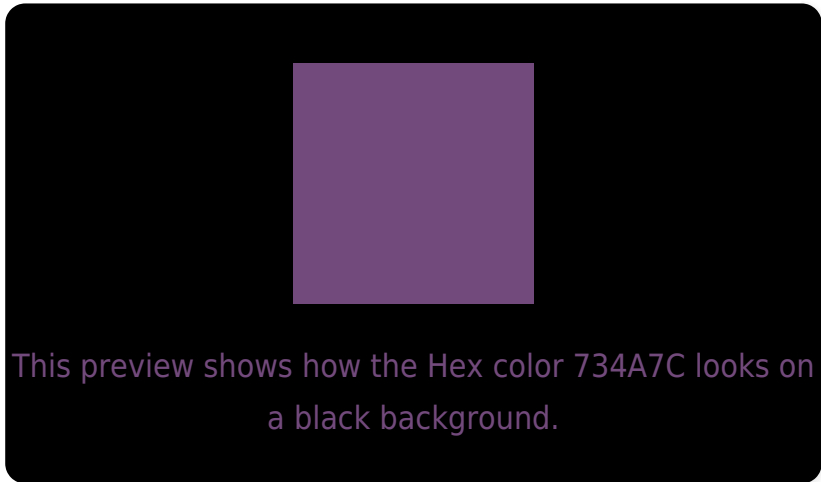
Large Text (above 18pt) WCAG AA ✓ Pass

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

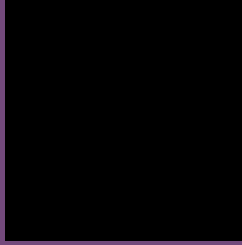
Any Text WCAG AA × Fail

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 734A7C Background



This preview shows how black text looks on a background with the Hex color 734A7C.




This preview shows how white text looks on a background with the Hex color 734A7C.

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



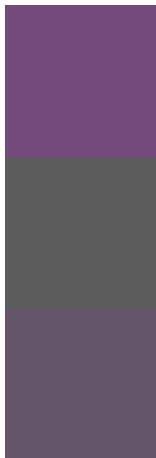
Original Color
734A7C

Protanomaly
585383

Deuteranomaly
5D537A

Tritanomaly
704F65

Monochromacy



Original Color
734A7C

Achromatopsia
5C5C5C

Achromatomaly
645568

CSS Examples

Text

The CSS property to change the color of the text to Hex 734A7C 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 #734A7C looks like.

```
.text, #text, p{  
    color:#734A7C  
}
```

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 #734A7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734A7C
}
```

Border

The CSS property to change the border of an element to Hex 734A7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

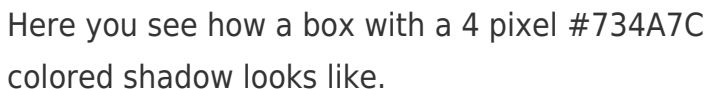
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#734A7C }
```

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

```
.border{ border-color:#734A7C }
```

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



Here you see how a box with a 4 pixel #734A7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734A7C; -webkit-box-shadow:4px 4px  
4px 4px #734A7C; box-shadow:4px 4px 4px  
4px #734A7C }
```

Background

The CSS property to change the background color of an element to Hex 734A7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734A7C }
```

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

```
.background{ background-color:#734A7C }
```

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