

Converting Colors

Hex(764A9C)

Have a look what the booklet for
Hex(764A9C) contains.

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Color

Hex(764A9C)

Conversions

Conversions Part 1

Format	Color
Hex	764A9C
RGB	118, 74, 156
RGB Percent	46%, 29%, 61%
CMY	0.5373, 0.7098, 0.3882
CMYK	0.24, 0.53, 0.00, 0.39
HSL	272°, 36%, 45%
HSV	272°, 53%, 61%
XYZ	15.9207, 11.1494, 32.7654
YIQ	96.5040, -0.0980, 34.8300

Conversions

Conversions Part 2

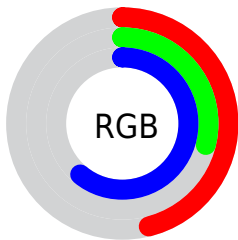
Format	Color
R_{YB}	118, 74, 156
Decimal	7752348
CIE _{Lab}	39.83, 34.97, -37.76
CIE _{LCh}	40, 51.468, 312.800
Yxy	11.1494, 0.2661, 0.1863
Android (android.graphics.Color)	4285942428 (0xFF764A9C)
YUV	96.5040, 29.3315, 18.8520
Hunter-Lab	33.3907, 26.6752, -34.8062

Details

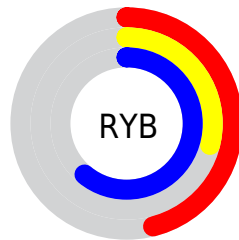
The Hex color **764A9C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **709C4A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **AC7CD3**, and **421B68** is the 20% darker color. If you saturate the color by 10%, you get **6F3A9C**, and if you desaturate by 10%, it is **7D5A9C**.

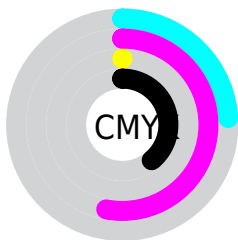
Distribution



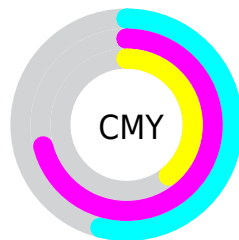
- Red (46%)
- Green (29%)
- Blue (61%)



- Red (46%)
- Yellow (29%)
- Blue (61%)



- Cyan (24%)
- Magenta (53%)
- Yellow (0%)
- Black (39%)



- Cyan (54%)
- Magenta (71%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 764A9C 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 764A9C by changing the saturation by 10% instead.

764A9C

764A9C

FFFFFF

5C3282

AC7CD3

421B68

C896F0

290350

E5B1FF

170038

FFCDDF

000222

FFEAFF

000007

000000

764A9C

764A9C

6F3A9C

7D5A9C

682B9C

84699C

601B9C

8C799C

590C9C

93889C

54009C

9A989C

A1A89C

A9B79C

B0C79C

B7D69C

Harmonies

Analogous

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



1A5DB0



764A9C



9C3778

Triad

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



764A9C



855300



00716F

Complementary

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



764A9C



709C4A

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.



006F43



764A9C



616200

Square

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



764A9C



9F4026



306B19



006F96

Rectangle

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



764A9C



A7315C



306B19



007161

Sweetspot

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



764A9C



BDABCC



4A709C



5D5366



E6E6E6



666666

Same Dimension

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



764A9C



904BCC



9C4A99



4B474F



4D008F



08000F

Inverse Universe

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



9C4A70



CC4B87



4A9C4D



4F474B



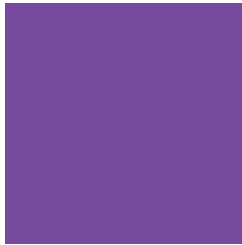
8F0042



0F0007

Previews

White Background



This preview shows how the Hex color 764A9C looks on a white background.

Color Contrast Check

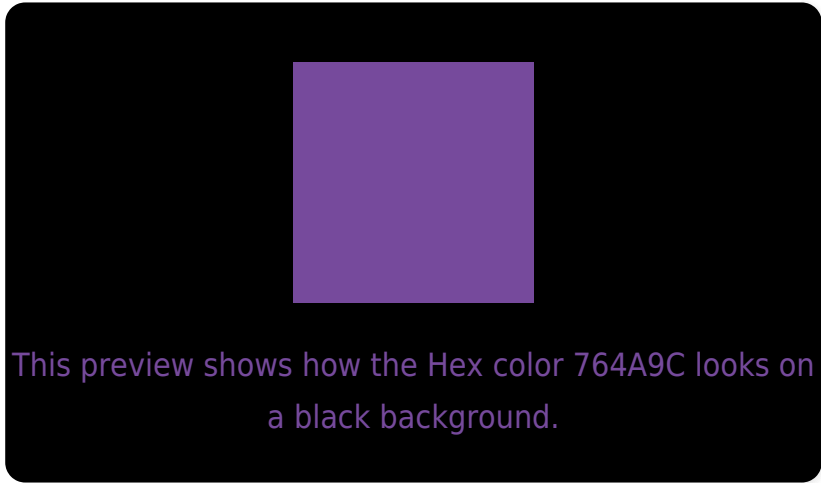
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

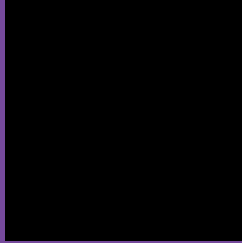
Any Text WCAG AA × Fail

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 764A9C Background



This preview shows how black text looks on a background with the Hex color 764A9C.

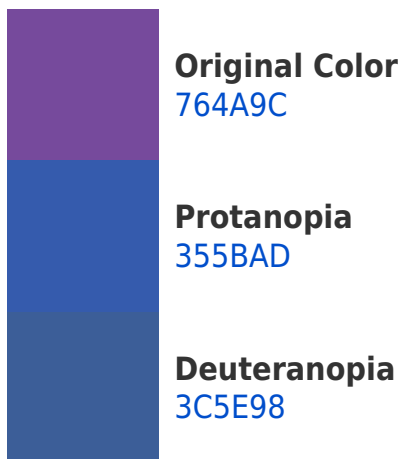



This preview shows how white text looks on a background with the Hex color 764A9C.

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
6C5960

Trichromacy



Original Color
764A9C



Protanomaly
4D55A7



Deuteranomaly
515799



Tritanomaly
705476

Monochromacy



Original Color
764A9C



Achromatopsia
616161



Achromatomaly
695976

CSS Examples

Text

The CSS property to change the color of the text to Hex 764A9C 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 #764A9C looks like.

```
.text, #text, p{  
    color:#764A9C  
}
```

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 #764A9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764A9C
}
```

Border

The CSS property to change the border of an element to Hex 764A9C is called "border". The border property can be set on classes, ids or directly on the HTML element.

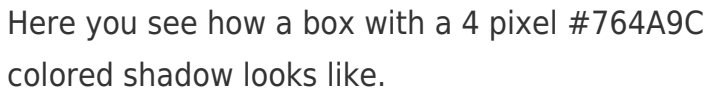
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#764A9C }
```

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

```
.border{ border-color:#764A9C }
```

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



Here you see how a box with a 4 pixel #764A9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764A9C; -webkit-box-shadow:4px 4px  
4px 4px #764A9C; box-shadow:4px 4px 4px  
4px #764A9C }
```

Background

The CSS property to change the background color of an element to Hex 764A9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764A9C }
```

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

```
.background{ background-color:#764A9C }
```

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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