

Converting Colors

Hex(744E9C)

Have a look what the booklet for
Hex(744E9C) contains.

| | |
|--|----|
| Hex(744E9C) | 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(744E9C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 744E9C |
| RGB | 116, 78, 156 |
| RGB Percent | 45%, 31%, 61% |
| CMY | 0.5451, 0.6941, 0.3882 |
| CMYK | 0.26, 0.50, 0.00, 0.39 |
| HSL | 269°, 33%, 46% |
| HSV | 269°, 50%, 61% |
| XYZ | 15.9276, 11.5621, 32.8447 |
| YIQ | 98.2540, -2.3900, 32.3140 |

Conversions

Conversions Part 2

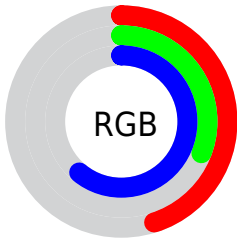
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 116, 78, 156 |
| Decimal | 7622300 |
| CIE _{Lab} | 40.51, 32.08, -36.70 |
| CIE _{LCh} | 41, 48.741, 311.155 |
| Yxy | 11.5621, 0.2640, 0.1916 |
| Android (android.graphics.Color) | 4285812380 (0xFF744E9C) |
| YUV | 98.2540, 28.4688, 15.5632 |
| Hunter-Lab | 34.0031, 24.1070, -33.4681 |

Details

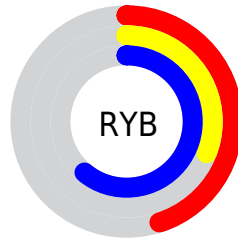
The Hex color **744E9C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **769C4E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AA80D3**, and **411F68** is the 20% darker color. If you saturate the color by 10%, you get **6C3E9C**, and if you desaturate by 10%, it is **7C5E9C**.

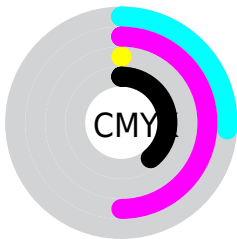
Distribution



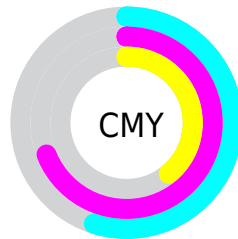
- Red (45%)
- Green (31%)
- Blue (61%)



- Red (45%)
- Yellow (31%)
- Blue (61%)



- Cyan (26%)
- Magenta (50%)
- Yellow (0%)
- Black (39%)



- Cyan (55%)
- Magenta (69%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 744E9C 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 744E9C by changing the saturation by 10% instead.

744E9C

744E9C

FFFFFF

5A3682

AA80D3

411F68

C69AEF

280850

E2B5FF

150038

FFD1FF

000222

FFEEFF

000008

000000

744E9C

744E9C

6C3E9C

7C5E9C

642F9C

846D9C

5C1F9C

8C7D9C

54109C

948C9C

4C009C

9C9C9C

A4AC9C

ACBB9C

B4CB9C

BCDA9C

Harmonies

Analogous

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



1F5FAE



744E9C



9A3D7A

Triad

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



744E9C



87540B



00726E

Complementary

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



744E9C



769C4E

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.



007044



744E9C



656200

Square

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



744E9C



9F432D



386B1E



007193

Rectangle

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



744E9C



A53760



386B1E



007260

Sweetspot

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



744E9C



BCADCC



4E769C



5D5466



E6E6E6



666666

Same Dimension

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



744E9C



8D52CC



9B4E9C



4B474F



46008F



07000F

Inverse Universe

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



9C4E76



CC5290



4F9C4E



4F474B



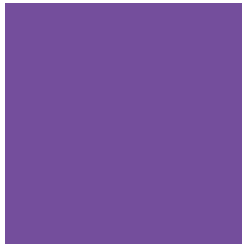
8F0049



0F0008

Previews

White Background



This preview shows how the Hex color 744E9C looks on a white background.

Color Contrast Check

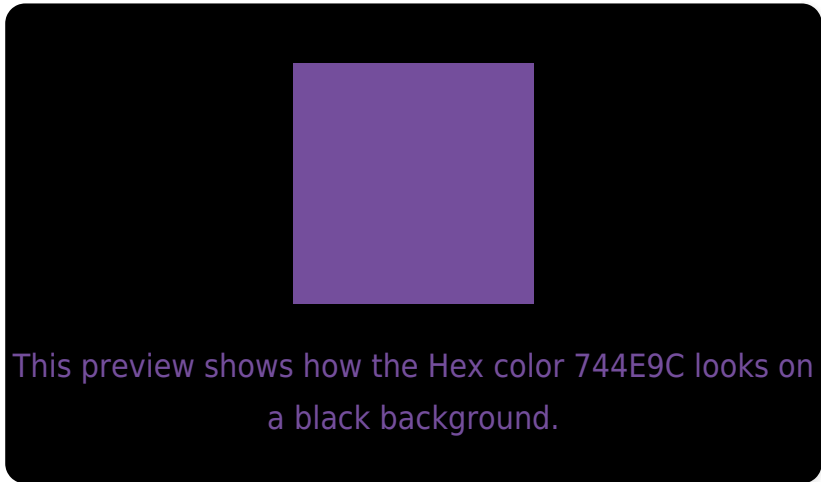
Large Text (above 18pt) WCAG AA ✓ Pass

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

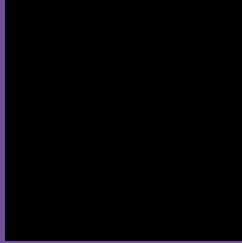
Any Text WCAG AA × Fail

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 744E9C Background



This preview shows how black text looks on a background with the Hex color 744E9C.

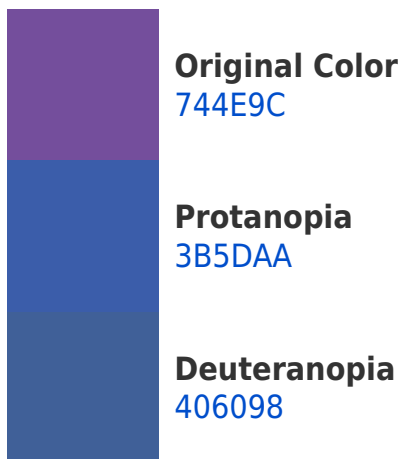



This preview shows how white text looks on a background with the Hex color 744E9C.

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](#).

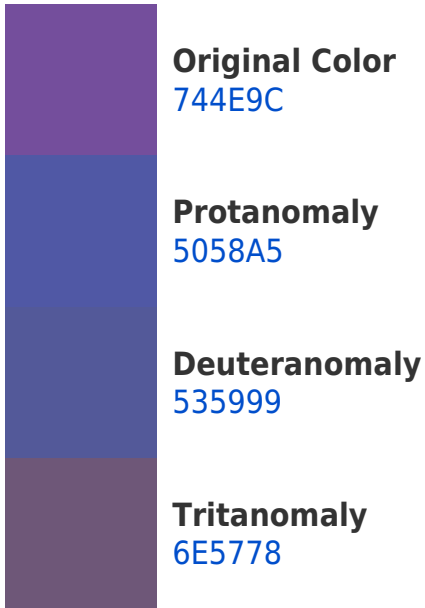
Dichromacy



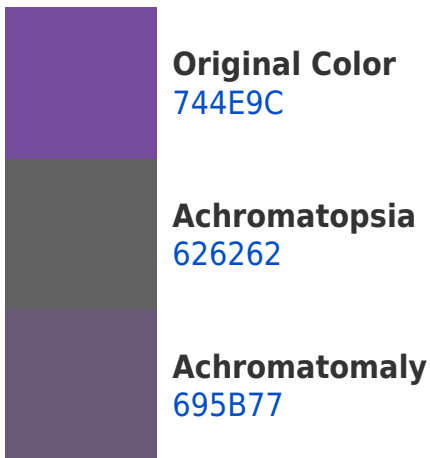


Tritanopia
6A5C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 744E9C 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 #744E9C looks like.

```
.text, #text, p{  
    color:#744E9C  
}
```

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 #744E9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744E9C
}
```

Border

The CSS property to change the border of an element to Hex 744E9C is called "border". The border property can be set on classes, ids or directly on the HTML element.

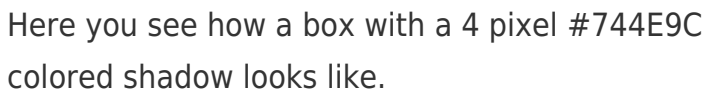
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744E9C }
```

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

```
.border{ border-color:#744E9C }
```

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



Here you see how a box with a 4 pixel #744E9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744E9C; -webkit-box-shadow:4px 4px  
4px 4px #744E9C; box-shadow:4px 4px 4px  
4px #744E9C }
```

Background

The CSS property to change the background color of an element to Hex 744E9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744E9C }
```

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

```
.background{ background-color:#744E9C }
```

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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