

# Converting Colors

Hex(744BA9)

Have a look what the booklet for  
Hex(744BA9) contains.

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# Color

**Hex(744BA9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	744BA9
RGB	116, 75, 169
RGB Percent	45%, 29%, 66%
CMY	0.5451, 0.7059, 0.3373
CMYK	0.31, 0.56, 0.00, 0.34
HSL	266°, 39%, 48%
HSV	266°, 56%, 66%
XYZ	16.8800, 11.6097, 38.8873
YIQ	97.9750, -5.7380, 37.9260

# Conversions

## Conversions Part 2

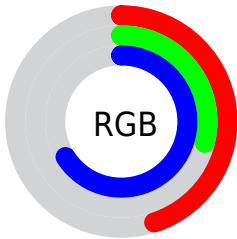
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 75, 169
Decimal	7621545
CIE <sub>Lab</sub>	40.59, 37.13, -44.33
CIE <sub>LCh</sub>	41, 57.827, 309.948
Yxy	11.6097, 0.2505, 0.1723
Android (android.graphics.Color)	4285811625 (0xFF744BA9)
YUV	97.9750, 35.0153, 15.8079
Hunter-Lab	34.0731, 28.8020, -43.8161

# Details

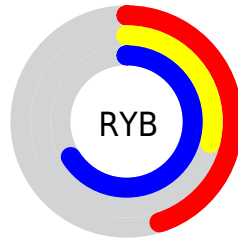
The Hex color **744BA9** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **80A94B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AB7DE1**, and **3F1C74** is the 20% darker color. If you saturate the color by 10%, you get **6A3AA9**, and if you desaturate by 10%, it is **7E5CA9**.

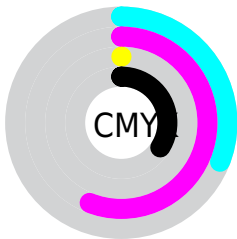
# Distribution



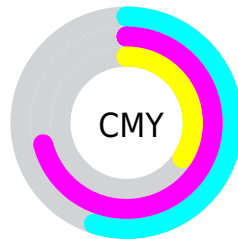
- Red (45%)
- Green (29%)
- Blue (66%)



- Red (45%)
- Yellow (29%)
- Blue (66%)



- Cyan (31%)
- Magenta (56%)
- Yellow (0%)
- Black (34%)



- Cyan (55%)
- Magenta (71%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 744BA9 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 744BA9 by changing the saturation by 10% instead.



744BA9

744BA9

FFFFFF

59338E

AB7DE1

3F1C74

C798FE

24035B

E4B3FF

0E0043

FFCEFF

00032C

FFEBFF

000116

000000

744BA9

744BA9

6A3AA9

7E5CA9

6129A9

876DA9

5718A9

917EA9

4E07A9

9A8FA9

4A00A9

A49FA9

ADB0A9

B7C1A9

C0D2A9

CAE3A9

# Harmonies

## Analogous

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



0060BE



744BA9



A33281

# Triad

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



744BA9



8D5100



00756F

# Complementary

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



744BA9



80A94B

# 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.



00733D



744BA9



666300

# Square

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



744BA9



A93A25



306D06



00739C

# Rectangle

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



744BA9



B02762



306D06



00745E



# Sweetspot

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



744BA9



C6B6DB



4B80A9



61586E



EDEDED



6E6E6E



# Same Dimension

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



744BA9



8848DB



A34BA9



4F4C54



410094



090014



# Inverse Universe

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



A94B80



DB489B



51A94B



544C50



940053



14000C



# Previews

## White Background



This preview shows how the Hex color 744BA9 looks on a white background.

## Color Contrast Check

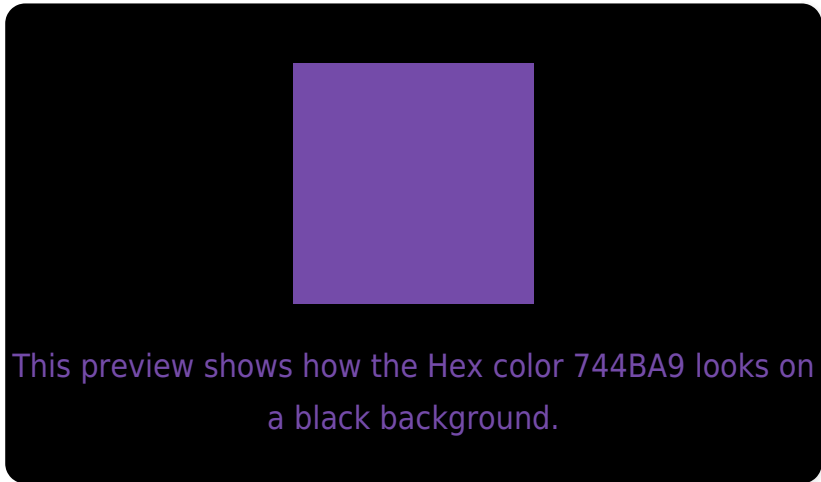
Large Text (above 18pt) WCAG AA ✓ Pass

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

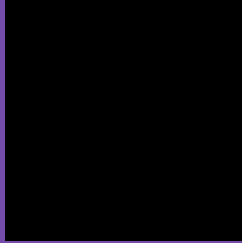
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 744BA9 Background



This preview shows how black text looks on a background with the Hex color 744BA9.

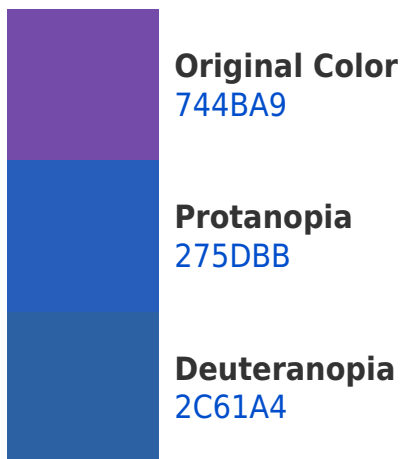


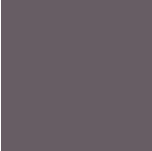
This preview shows how white text looks on a background with the Hex color 744BA9.

# 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](#).

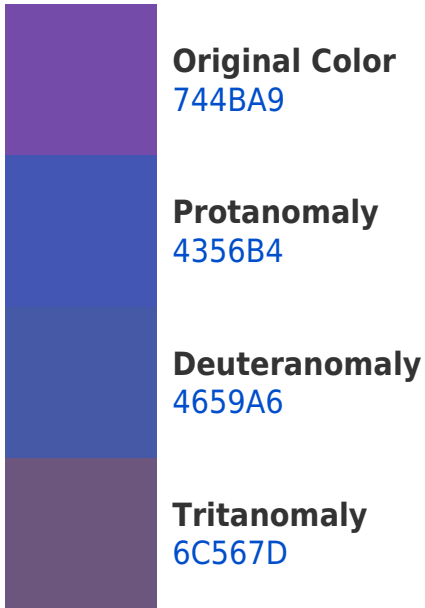
## Dichromacy



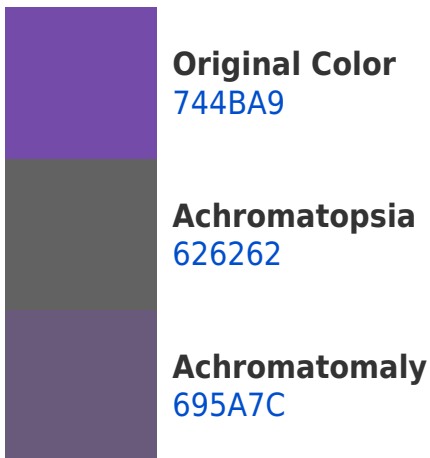


**Tritanopia**  
675D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 744BA9 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 #744BA9 looks like.

```
.text, #text, p{  
    color:#744BA9  
}
```

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 #744BA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744BA9
}
```

## Border

The CSS property to change the border of an element to Hex 744BA9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

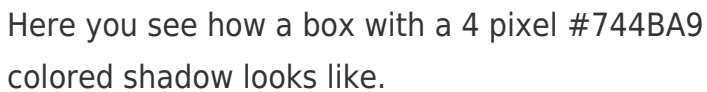
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744BA9 }
```

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

```
.border{ border-color:#744BA9 }
```

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



Here you see how a box with a 4 pixel #744BA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744BA9; -webkit-box-shadow:4px 4px  
4px 4px #744BA9; box-shadow:4px 4px 4px  
4px #744BA9 }
```

# Background

The CSS property to change the background color of an element to Hex 744BA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744BA9 }
```

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

```
.background{ background-color:#744BA9 }
```

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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