

# Converting Colors

Hex(744BA8)

Have a look what the booklet for  
Hex(744BA8) contains.

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# Color

**Hex(744BA8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	744BA8
RGB	116, 75, 168
RGB Percent	45%, 29%, 66%
CMY	0.5451, 0.7059, 0.3412
CMYK	0.31, 0.55, 0.00, 0.34
HSL	266°, 38%, 48%
HSV	266°, 55%, 66%
XYZ	16.7864, 11.5723, 38.3947
YIQ	97.8610, -5.4170, 37.6150

# Conversions

## Conversions Part 2

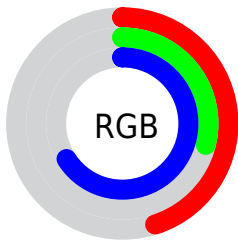
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 75, 168
Decimal	7621544
CIE <sub>Lab</sub>	40.53, 36.87, -43.83
CIE <sub>LCh</sub>	41, 57.281, 310.069
Yxy	11.5723, 0.2515, 0.1734
Android (android.graphics.Color)	4285811624 (0xFF744BA8)
YUV	97.8610, 34.5785, 15.9079
Hunter-Lab	34.0181, 28.5501, -43.1053

# Details

The Hex color **744BA8** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7FA84B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AB7DE0**, and **3F1C73** is the 20% darker color. If you saturate the color by 10%, you get **6B3AA8**, and if you desaturate by 10%, it is **7D5CA8**.

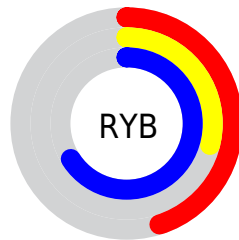
# Distribution



Red (45%)

Green (29%)

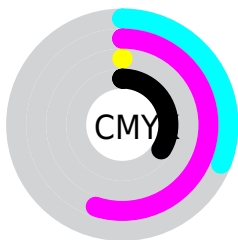
Blue (66%)



Red (45%)

Yellow (29%)

Blue (66%)

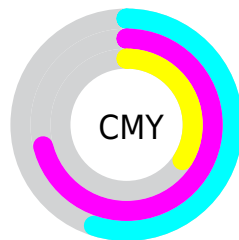


Cyan (31%)

Magenta (55%)

Yellow (0%)

Black (34%)



Cyan (55%)

Magenta (71%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 744BA8 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 744BA8 by changing the saturation by 10% instead.



744BA8

744BA8

FFFFFF

59338D

AB7DE0

3F1C73

C798FD

24035A

E4B3FF

0E0042

FFCEFF

00032B

FFEBFF

000115

000000

744BA8

744BA8

6B3AA8

7D5CA8

6129A8

876DA8

5819A8

907DA8

4E08A8

9A8EA8

4A00A8

A39FA8

ACB0A8

B6C1A8

BFD1A8

C9E2A8

# Harmonies

## Analogous

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



0060BD



744BA8



A23281

# Triad

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



744BA8



8D5100



00746F

# Complementary

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



744BA8



7FA84B

# 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.



00723D



744BA8



666300

# Square

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



744BA8



A83B25



306D08



00739B

# Rectangle

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



744BA8



AF2862



306D08



00745E



# Sweetspot

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



744BA8



C6B6DB



4B80A8



61586E



EDEDED



6E6E6E



# Same Dimension

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



744BA8



8A4BDB



A24BA8



4F4C54



410094



090014



# Inverse Universe

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



A84B7F



DB4B9B



51A84B



544C50



940053

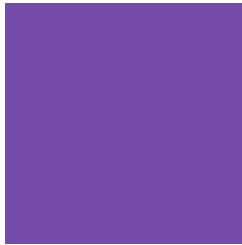


14000B



# Previews

## White Background



This preview shows how the Hex color 744BA8 looks on a white background.

## Color Contrast Check

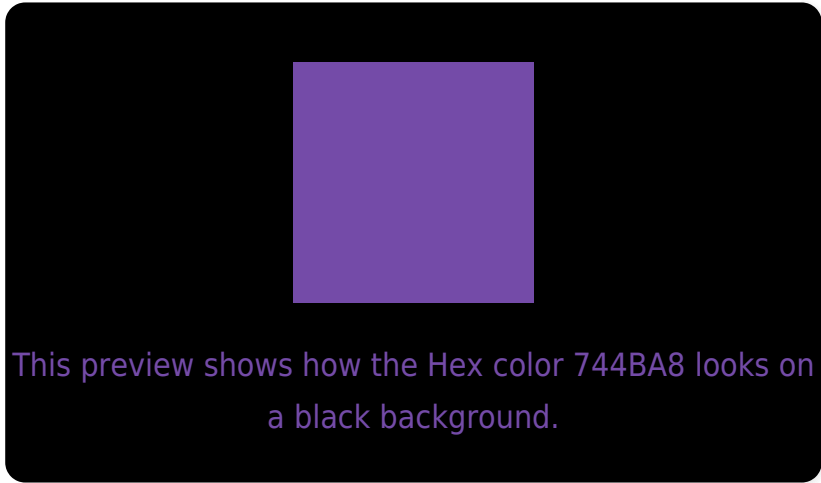
Large Text (above 18pt) WCAG AA ✓ Pass

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 744BA8 Background



This preview shows how black text looks on a background with the Hex color 744BA8.

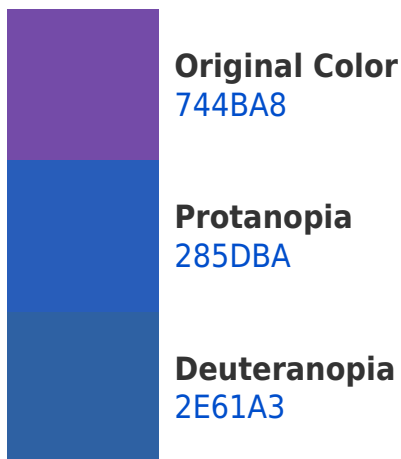


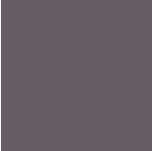
This preview shows how white text looks on a background with the Hex color 744BA8.

# 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](#).

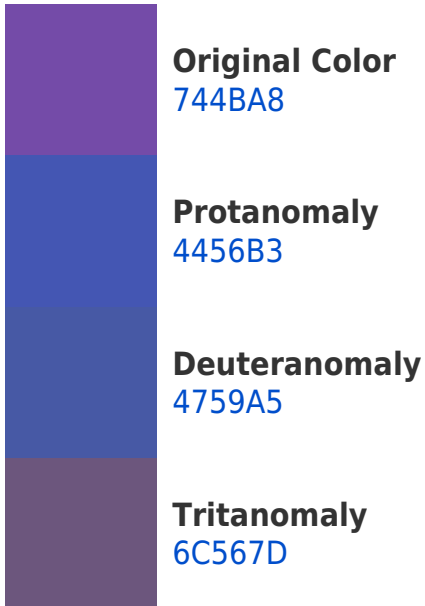
## Dichromacy



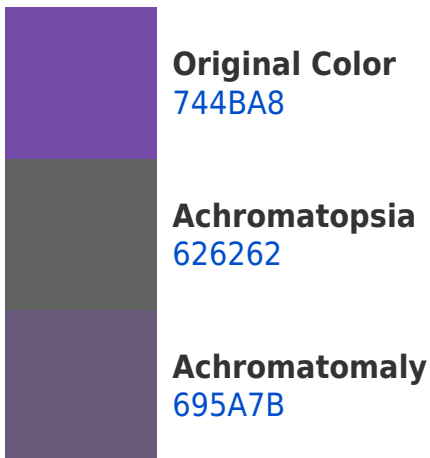


**Tritanopia**  
675D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 744BA8 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 #744BA8 looks like.

```
.text, #text, p{  
    color:#744BA8  
}
```

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 #744BA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744BA8  
}
```

## Border

The CSS property to change the border of an element to Hex 744BA8 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  
#744BA8 }
```

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

```
.border{ border-color:#744BA8 }
```

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

Here you see how a box with a 4 pixel #744BA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744BA8; -webkit-box-shadow:4px 4px  
4px 4px #744BA8; box-shadow:4px 4px 4px  
4px #744BA8 }
```

# Background

The CSS property to change the background color of an element to Hex 744BA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744BA8 }
```

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

```
.background{ background-color:#744BA8 }
```

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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