

Converting Colors

Hex(744994)

Have a look what the booklet for
Hex(744994) contains.

Hex(744994)	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(744994)

Conversions

Conversions Part 1

Format	Color
Hex	744994
RGB	116, 73, 148
RGB Percent	45%, 29%, 58%
CMY	0.5451, 0.7137, 0.4196
CMYK	0.22, 0.51, 0.00, 0.42
HSL	274°, 34%, 43%
HSV	274°, 51%, 58%
XYZ	14.9303, 10.6162, 29.2792
YIQ	94.4070, 1.5530, 32.4410

Conversions

Conversions Part 2

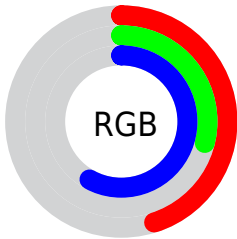
Format	Color
R_{YB}	116, 73, 148
Decimal	7621012
CIE _{Lab}	38.93, 33.03, -34.39
CIE _{LCh}	39, 47.683, 313.844
Yxy	10.6162, 0.2723, 0.1936
Android (android.graphics.Color)	4285811092 (0xFF744994)
YUV	94.4070, 26.4213, 18.9371
Hunter-Lab	32.5825, 24.7747, -30.4712

Details

The Hex color **744994** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **699449**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **AA7BCA**, and **411A61** is the 20% darker color. If you saturate the color by 10%, you get **6E3A94**, and if you desaturate by 10%, it is **7A5894**.

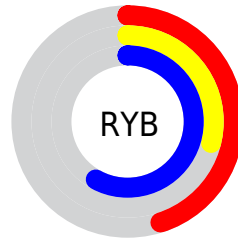
Distribution



Red (45%)

Green (29%)

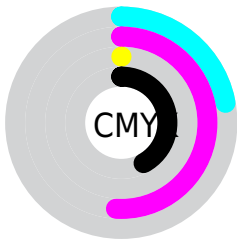
Blue (58%)



Red (45%)

Yellow (29%)

Blue (58%)

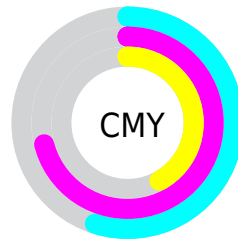


Cyan (22%)

Magenta (51%)

Yellow (0%)

Black (42%)



Cyan (55%)

Magenta (71%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 744994 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 744994 by changing the saturation by 10% instead.

■ 744994

■ 744994

FFFFFF

■ 5A317A

■ AA7BCA

■ 411A61

■ C695E7

■ 280349

■ E2B0FF

■ 150032

■ FFCCFF

■ 00011C

■ FFE8FF

■ 000000

■ 744994

■ 744994

■ 6E3A94

■ 7A5894

■ 672B94

■ 816794

611D94

877594

5B0E94

8D8494

550094

949394

9AA294

A0B194

A7BF94

ADCE94

Harmonies

Analogous

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



2A5AA7



744994



973872

Triad

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



744994



7F5206



006E6D

Complementary

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



744994



699449

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.



006C45



744994



5E5F00

Square

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



744994



984127



31681F



006C91

Rectangle

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



744994



A03458



31681F



006E60

Sweetspot

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



744994



B3A3BF



496A94



594F61



E0E0E0



616161

Same Dimension

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



744994



8D4BBF



94498F



47434A



4F008A



06000A

Inverse Universe

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



944969



BF4B7C



49944E



4A4346



8A003B



0A0004

Previews

White Background



This preview shows how the Hex color 744994 looks on a white background.

Color Contrast Check

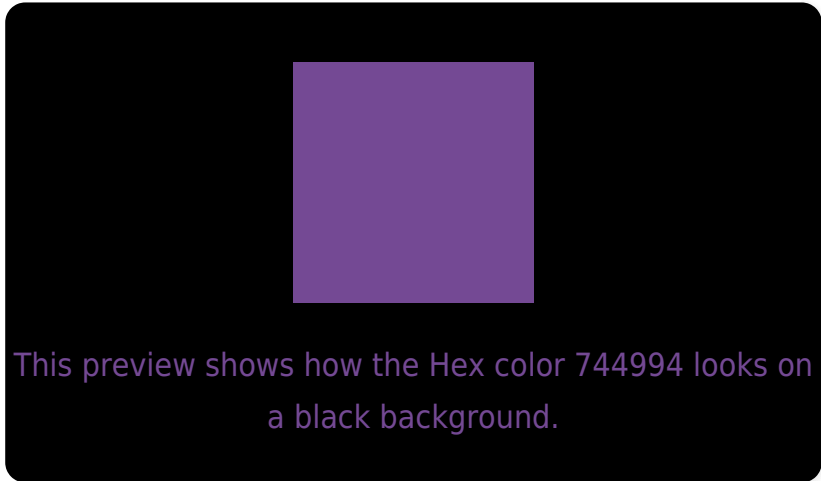
Large Text (above 18pt) WCAG AA ✓ Pass

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

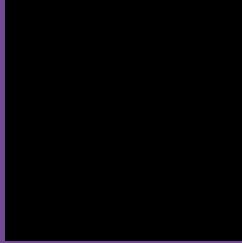
Any Text WCAG AA × Fail

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 744994 Background



This preview shows how black text looks on a background with the Hex color 744994.

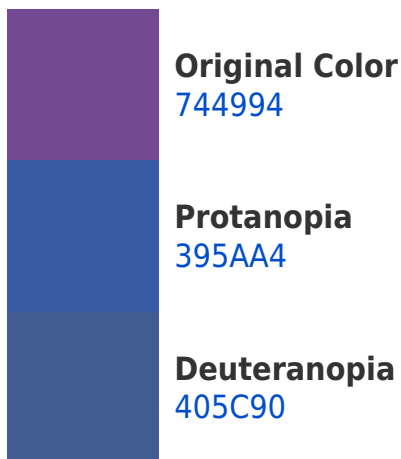



This preview shows how white text looks on a background with the Hex color 744994.

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
6B565D

Trichromacy



Original Color
744994

Protanomaly
4E549E

Deuteranomaly
535591

Tritanomaly
6E5171

Monochromacy



Original Color
744994

Achromatopsia
5E5E5E

Achromatomaly
665672

CSS Examples

Text

The CSS property to change the color of the text to Hex 744994 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 #744994 looks like.

```
.text, #text, p{  
    color:#744994  
}
```

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 #744994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744994
}
```

Border

The CSS property to change the border of an element to Hex 744994 is called "border". The border property can be set on classes, ids or directly on the HTML element.

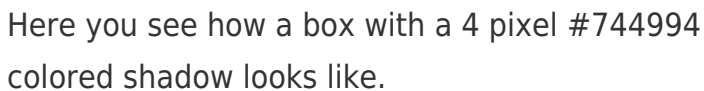
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744994 }
```

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

```
.border{ border-color:#744994 }
```

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



Here you see how a box with a 4 pixel #744994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744994; -webkit-box-shadow:4px 4px  
4px 4px #744994; box-shadow:4px 4px 4px  
4px #744994 }
```

Background

The CSS property to change the background color of an element to Hex 744994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744994 }
```

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

```
.background{ background-color:#744994 }
```

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