

Converting Colors

Hex(7C4499)

Have a look what the booklet for
Hex(7C4499) contains.

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Color

Hex(7C4499)

Conversions

Conversions Part 1

Format	Color
Hex	7C4499
RGB	124, 68, 153
RGB Percent	49%, 27%, 60%
CMY	0.5137, 0.7333, 0.4000
CMYK	0.19, 0.56, 0.00, 0.40
HSL	280°, 38%, 43%
HSV	280°, 56%, 60%
XYZ	16.1291, 10.7192, 31.3559
YIQ	94.4340, 6.0910, 38.3070

Conversions

Conversions Part 2

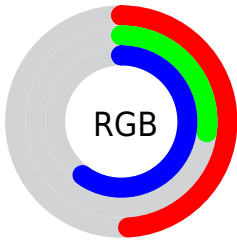
Format	Color
R_{YB}	124, 68, 153
Decimal	8144025
CIE _{Lab}	39.10, 39.30, -37.07
CIE _{LCh}	39, 54.025, 316.676
Yxy	10.7192, 0.2771, 0.1842
Android (android.graphics.Color)	4286334105 (0xFF7C4499)
YUV	94.4340, 28.8730, 25.9294
Hunter-Lab	32.7402, 30.6403, -33.8649

Details

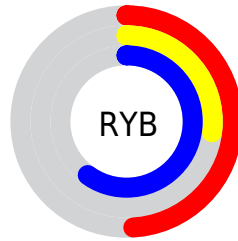
The Hex color **7C4499** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **619944**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B376D0**, and **481265** is the 20% darker color. If you saturate the color by 10%, you get **773599**, and if you desaturate by 10%, it is **815399**.

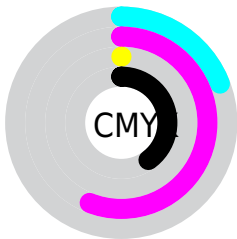
Distribution



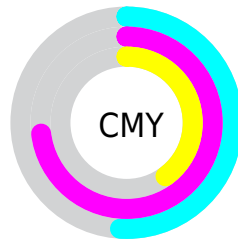
- Red (49%)
- Green (27%)
- Blue (60%)



- Red (49%)
- Yellow (27%)
- Blue (60%)



- Cyan (19%)
- Magenta (56%)
- Yellow (0%)
- Black (40%)



- Cyan (51%)
- Magenta (73%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C4499 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 7C4499 by changing the saturation by 10% instead.

7C4499

7C4499

FFFFFF

622C7F

B376D0

481265

CF91EC

2F004D

ECACFF

1B0036

FFC8FF

00021F

FFE4FF

000003

000000

7C4499

7C4499

773599

815399

722599

866399

6C1699

8C7299

670799

918199

650099

969199

9BA099

A1AF99

A6BE99

ABCE99

Harmonies

Analogous

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



2759B1



7C4499



A02F72

Triad

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



7C4499



805300



007074

Complementary

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



7C4499



619944

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.



006F46



7C4499



596200

Square

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



7C4499



9C3F1C



1F6A18



006E9B

Rectangle

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



7C4499



A92A54



1F6A18



007065

Sweetspot

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



7C4499



BBA5C7



446299



5D5063



E3E3E3



636363

Same Dimension

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



7C4499



9942C7



99448C



4A454D



5C008C



08000D

Inverse Universe

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



994461



C7426F



449951



4D4547



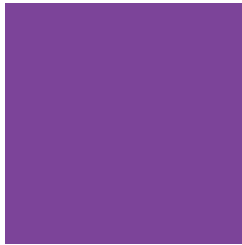
8C0030



0D0004

Previews

White Background



This preview shows how the Hex color 7C4499 looks on a white background.

Color Contrast Check

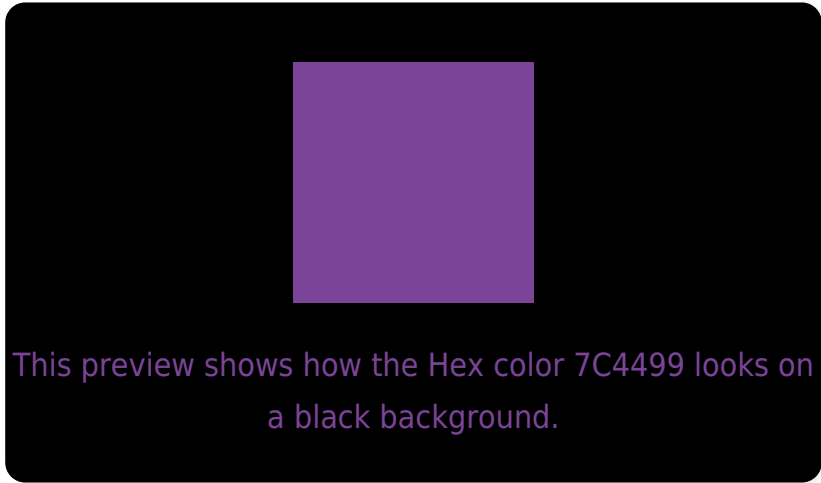
Large Text (above 18pt) WCAG AA ✓ Pass

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

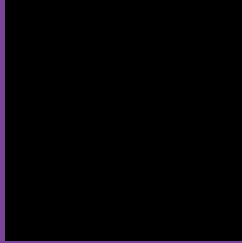
Any Text WCAG AA × Fail

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 7C4499 Background



This preview shows how black text looks on a background with the Hex color 7C4499.

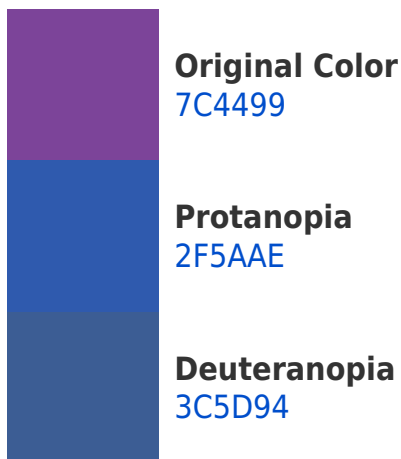


This preview shows how white text looks on a background with the Hex color 7C4499.

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
72545B

Trichromacy



Original Color
7C4499



Protanomaly
4B52A6



Deuteranomaly
535496



Tritanomaly
764E72

Monochromacy



Original Color
7C4499



Achromatopsia
5E5E5E



Achromatomaly
695573

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C4499 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 #7C4499 looks like.

```
.text, #text, p{  
    color:#7C4499  
}
```

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 #7C4499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C4499
}
```

Border

The CSS property to change the border of an element to Hex 7C4499 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
#7C4499 }
```

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

```
.border{ border-color:#7C4499 }
```

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

Here you see how a box with a 4 pixel #7C4499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C4499; -webkit-box-shadow:4px 4px  
4px 4px #7C4499; box-shadow:4px 4px 4px  
4px #7C4499 }
```

Background

The CSS property to change the background color of an element to Hex 7C4499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C4499 }
```

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

```
.background{ background-color:#7C4499 }
```

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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