

Converting Colors

Hex(7C3499)

Have a look what the booklet for
Hex(7C3499) contains.

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Color

Hex(7C3499)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7C3499 |
| RGB | 124, 52, 153 |
| RGB Percent | 49%, 20%, 60% |
| CMY | 0.5137, 0.7961, 0.4000 |
| CMYK | 0.19, 0.66, 0.00, 0.40 |
| HSL | 283°, 49%, 40% |
| HSV | 283°, 66%, 60% |
| XYZ | 15.2899, 9.0410, 31.0762 |
| YIQ | 85.0420, 10.4910, 46.6750 |

Conversions

Conversions Part 2

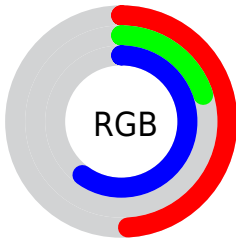
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 124, 52, 153 |
| Decimal | 8139929 |
| CIELab | 36.06, 47.52, -41.92 |
| CIElCh | 36, 63.366, 318.586 |
| Yxy | 9.0410, 0.2760, 0.1632 |
| Android (android.graphics.Color) | 4286330009 (0xFF7C3499) |
| YUV | 85.0420, 33.5033, 34.1662 |
| Hunter-Lab | 30.0682, 38.1494, -40.2298 |

Details

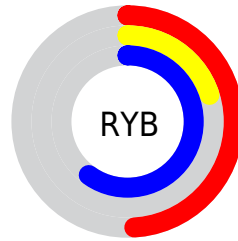
The Hex color **7C3499** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **519934**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B368D0**, and **470065** is the 20% darker color. If you saturate the color by 10%, you get **782599**, and if you desaturate by 10%, it is **804399**.

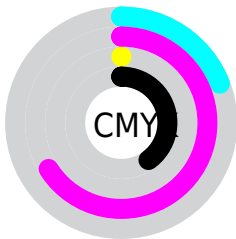
Distribution



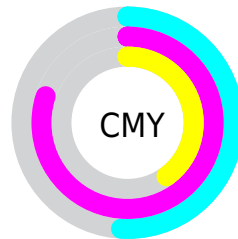
- Red (49%)
- Green (20%)
- Blue (60%)



- Red (49%)
- Yellow (20%)
- Blue (60%)



- Cyan (19%)
- Magenta (66%)
- Yellow (0%)
- Black (40%)



- Cyan (51%)
- Magenta (80%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C3499 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 7C3499 by changing the saturation by 10% instead.

 7C3499

 7C3499

FFFFFF

 61197F

 B368D0

 470065

 D082EC

 2D004D

 ED9DFF

 150035

 FFB9FF

 00021F

 FFD5FF

 000002

 FFF2FF

 000000

 7C3499

 7C3499

 782599

 804399

 731599

 855399

 6F0699

 896299

 6D0099

 8E7199

 928199

 969099

 9B9F99

 9FAE99

 A4BE99

Harmonies

Analogous

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



0050B7



7C3499



A3086A

Triad

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



7C3499



784C00



006A74

Complementary

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



7C3499



519934

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.



00693F



7C3499



4B5C00

Square

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



7C3499



9A3101



006500



0068A1

Rectangle

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



7C3499



AB0049



006500



006A63

Sweetspot

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



7C3499



BB9FC7



345299



5D4C63



E3E3E3



636363

Same Dimension

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



7C3499



9A2AC7



993485



4A454D



64008C



09000D

Inverse Universe

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



993451



C72A57



349948



4D4547



8C0028



0D0004

Previews

White Background



This preview shows how the Hex color 7C3499 looks on a white background.

Color Contrast Check

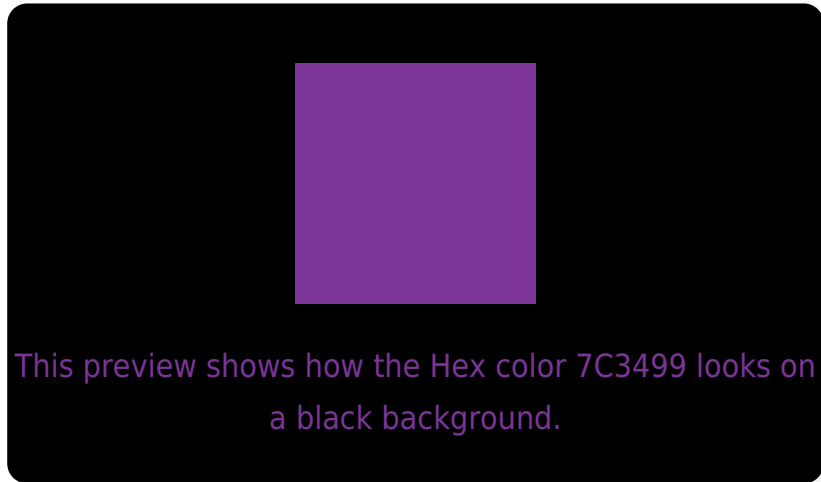
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

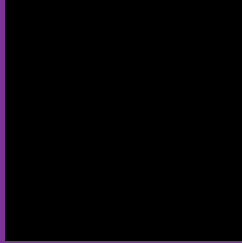
Any Text WCAG AA × Fail

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 7C3499 Background



This preview shows how black text looks on a background with the Hex color 7C3499.

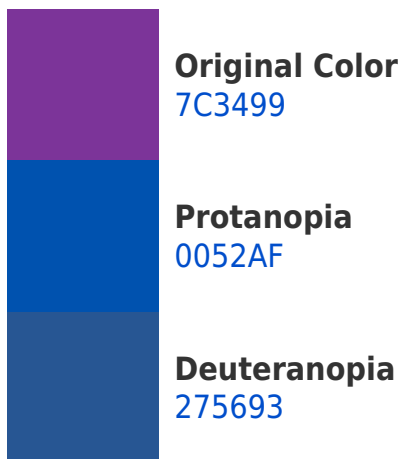



This preview shows how white text looks on a background with the Hex color 7C3499.

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](#).

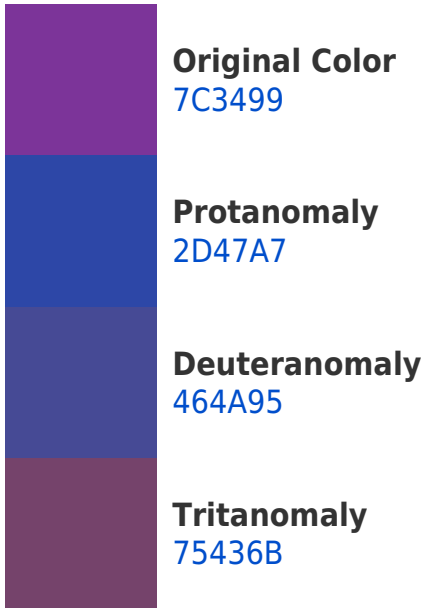
Dichromacy



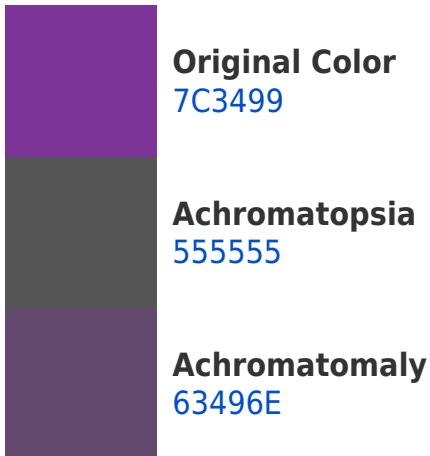


Tritanopia
714B50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C3499 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 #7C3499 looks like.

```
.text, #text, p{  
    color:#7C3499  
}
```

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 #7C3499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C3499
}
```

Border

The CSS property to change the border of an element to Hex 7C3499 is called "border". The border property can be set on classes, ids or directly on the HTML element.

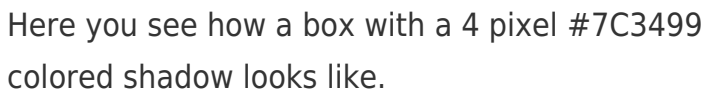
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C3499 }
```

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

```
.border{ border-color:#7C3499 }
```

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



Here you see how a box with a 4 pixel #7C3499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C3499; -webkit-box-shadow:4px 4px  
4px 4px #7C3499; box-shadow:4px 4px 4px  
4px #7C3499 }
```

Background

The CSS property to change the background color of an element to Hex 7C3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C3499 }
```

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

```
.background{ background-color:#7C3499 }
```

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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