

Converting Colors

Hex(7D4789)

Have a look what the booklet for
Hex(7D4789) contains.

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Color

Hex(7D4789)

Conversions

Conversions Part 1

Format	Color
Hex	7D4789
RGB	125, 71, 137
RGB Percent	49%, 28%, 54%
CMY	0.5098, 0.7216, 0.4627
CMYK	0.09, 0.48, 0.00, 0.46
HSL	289°, 32%, 41%
HSV	289°, 48%, 54%
XYZ	15.2260, 10.6726, 24.9244
YIQ	94.6700, 10.9980, 31.9740

Conversions

Conversions Part 2

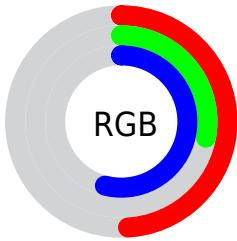
Format	Color
R_{YB}	125, 71, 137
Decimal	8210313
CIE _{Lab}	39.02, 34.38, -27.48
CIE _{LCh}	39, 44.012, 321.369
Yxy	10.6726, 0.2996, 0.2100
Android (android.graphics.Color)	4286400393 (0xFF7D4789)
YUV	94.6700, 20.8687, 26.5994
Hunter-Lab	32.6689, 26.0230, -22.3664

Details

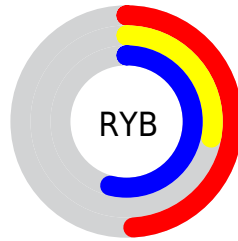
The Hex color **7D4789** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **538947**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B379BF**, and **4A1757** is the 20% darker color. If you saturate the color by 10%, you get **7B3989**, and if you desaturate by 10%, it is **7F5589**.

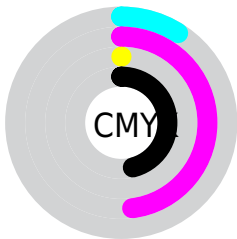
Distribution



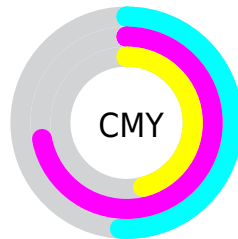
- Red (49%)
- Green (28%)
- Blue (54%)



- Red (49%)
- Yellow (28%)
- Blue (54%)



- Cyan (9%)
- Magenta (48%)
- Yellow (0%)
- Black (46%)



- Cyan (51%)
- Magenta (72%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D4789 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 7D4789 by changing the saturation by 10% instead.

7D4789

7D4789

FFFFFF

632F6F

B379BF

4A1757

CF93DB

32003F

ECAEF7

1F0029

FFCAFF

000113

FFE7FF

000000

7D4789

7D4789

7B3989

7F5589

782C89

826289

761E89

847089

731089

877E89

710389

898C89

700089

8C9989

8EA789

91B589

93C289

Harmonies

Analogous

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



49579F



7D4789



973B68

Triad

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



7D4789



77570C



006D75

Complementary

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



7D4789



538947

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.



006C50



7D4789



556210

Square

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



7D4789



904824



27692D



006A93

Rectangle

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



7D4789



9D3950



27692D



006D69

Sweetspot

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



7D4789



AE9AB3



475389



564A59



D9D9D9



595959

Same Dimension

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



7D4789



A04BB3



894774



443E45



6C0085



040005

Inverse Universe

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



894753



B34B5E



47895C



453E3F



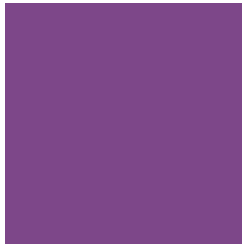
850018



050001

Previews

White Background



This preview shows how the Hex color 7D4789 looks on a white background.

Color Contrast Check

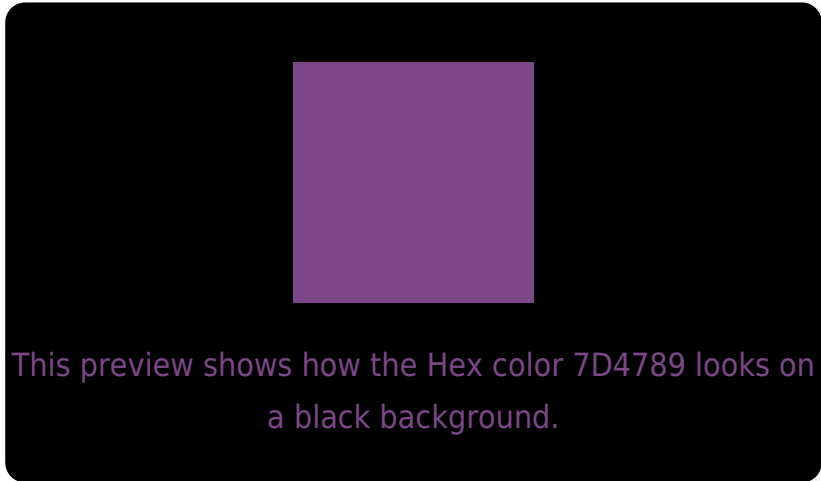
Large Text (above 18pt) WCAG AA ✓ Pass

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

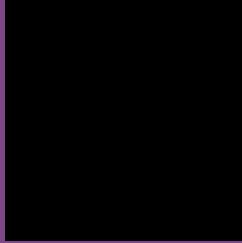
Any Text WCAG AA × Fail

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 7D4789 Background



This preview shows how black text looks on a background with the Hex color 7D4789.

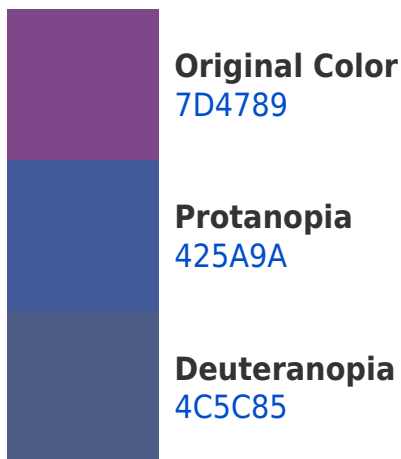


This preview shows how white text looks on a background with the Hex color 7D4789.

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](#).

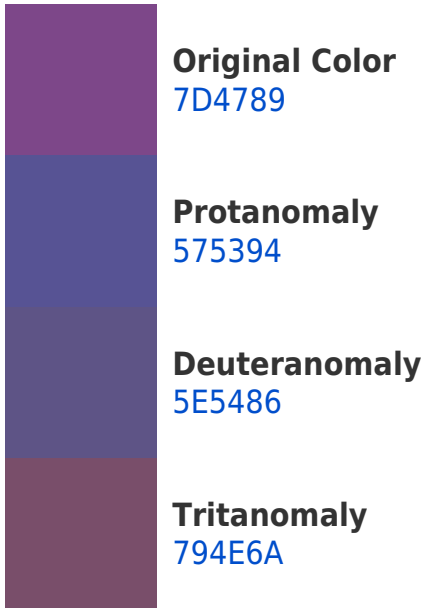
Dichromacy



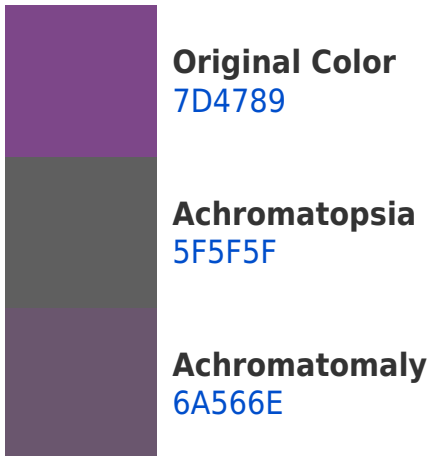


Tritanopia
765259

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D4789 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 #7D4789 looks like.

```
.text, #text, p{  
    color:#7D4789  
}
```

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 #7D4789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D4789
}
```

Border

The CSS property to change the border of an element to Hex 7D4789 is called "border". The border property can be set on classes, ids or directly on the HTML element.

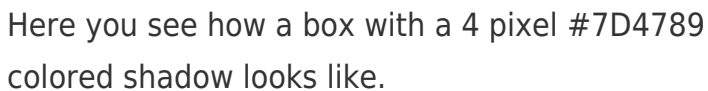
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D4789 }
```

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

```
.border{ border-color:#7D4789 }
```

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



Here you see how a box with a 4 pixel #7D4789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D4789; -webkit-box-shadow:4px 4px  
4px 4px #7D4789; box-shadow:4px 4px 4px  
4px #7D4789 }
```

Background

The CSS property to change the background color of an element to Hex 7D4789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D4789 }
```

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

```
.background{ background-color:#7D4789 }
```

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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