

# Converting Colors

Hex(7C328E)

Have a look what the booklet for  
Hex(7C328E) contains.

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# Color

**Hex(7C328E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C328E
RGB	124, 50, 142
RGB Percent	49%, 20%, 56%
CMY	0.5137, 0.8039, 0.4431
CMYK	0.13, 0.65, 0.00, 0.44
HSL	288°, 48%, 38%
HSV	288°, 65%, 56%
XYZ	14.3353, 8.5193, 26.4800
YIQ	82.6140, 14.5720, 44.3000

# Conversions

## Conversions Part 2

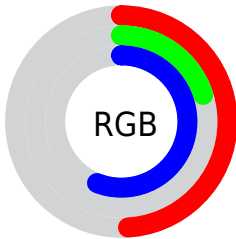
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 50, 142
Decimal	8139406
CIE <sub>Lab</sub>	35.04, 46.14, -36.84
CIE <sub>LCh</sub>	35, 59.042, 321.399
Yxy	8.5193, 0.2906, 0.1727
Android (android.graphics.Color)	4286329486 (0xFF7C328E)
YUV	82.6140, 29.2773, 36.2955
Hunter-Lab	29.1878, 36.5896, -33.3581

# Details

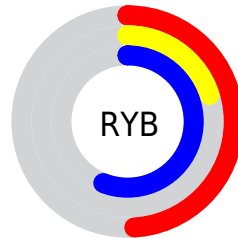
The Hex color **7C328E** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **448E32**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B365C4**, and **48005B** is the 20% darker color. If you saturate the color by 10%, you get **79248E**, and if you desaturate by 10%, it is **7F408E**.

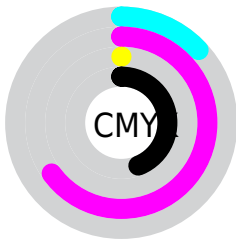
# Distribution



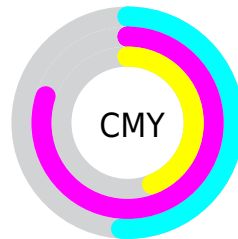
- Red (49%)
- Green (20%)
- Blue (56%)



- Red (49%)
- Yellow (20%)
- Blue (56%)



- Cyan (13%)
- Magenta (65%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (80%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C328E 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 7C328E by changing the saturation by 10% instead.



 7C328E

 7C328E

FFFFFF

 611774

 B365C4

 48005B

 CF80E0

 2F0043

 EC9BFD

 16002C

 FFB6FF

 000116

 FFD2FF

 000000

 FFEFFF

 7C328E

 7C328E

 79248E

 7F408E

 76168E

 824E8E

 74078E

 845D8E

 72008E

 876B8E

 8A798E

 8D878E

 8F958E

 92A48E

 95B28E

# Harmonies

## Analogous

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



244CAB



7C328E



9D1262

# Triad

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



7C328E



714C00



006674

# Complementary

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



7C328E



448E32

# 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.



006643



7C328E



455A00

# Square

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



7C328E



913501



00620D



00649C

# Rectangle

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



7C328E



A30E43



00620D



006664



# Sweetspot

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



7C328E



B195B8



32448E



58475C



DBDBDB



5C5C5C



# Same Dimension

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



7C328E



9C28B8



8E3272



464047



6D0087



060008



# Inverse Universe

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



8E3244



B82844



328E4E



474042



87001A



080001



# Previews

## White Background



This preview shows how the Hex color 7C328E looks on a white background.

## Color Contrast Check

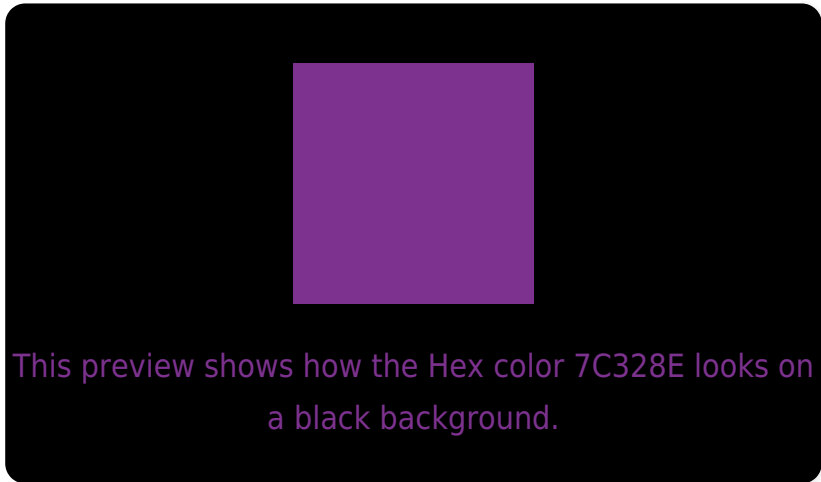
Large Text (above 18pt) WCAG AA ✓ Pass

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

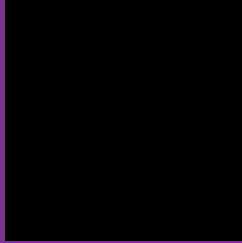
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C328E Background



This preview shows how black text looks on a background with the Hex color 7C328E.

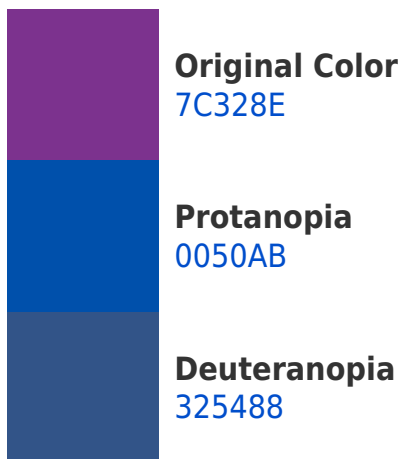


This preview shows how white text looks on a background with the Hex color 7C328E.

# 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**  
73464B

# Trichromacy



**Original Color**  
7C328E



**Protanomaly**  
2D45A0



**Deuteranomaly**  
4D488A



**Tritanomaly**  
763F63

# Monochromacy



**Original Color**  
7C328E



**Achromatopsia**  
535353



**Achromatomaly**  
624768

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C328E 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 #7C328E looks like.

```
.text, #text, p{  
    color:#7C328E  
}
```

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 #7C328E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C328E
}
```

## Border

The CSS property to change the border of an element to Hex 7C328E is called "border". The border property can be set on classes, ids or directly on the HTML element.

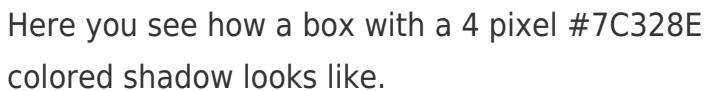
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C328E }
```

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

```
.border{ border-color:#7C328E }
```

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



Here you see how a box with a 4 pixel #7C328E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C328E; -webkit-box-shadow:4px 4px  
4px 4px #7C328E; box-shadow:4px 4px 4px  
4px #7C328E }
```

# Background

The CSS property to change the background color of an element to Hex 7C328E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C328E }
```

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

```
.background{ background-color:#7C328E }
```

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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