

Converting Colors

Hex(7E248D)

Have a look what the booklet for
Hex(7E248D) contains.

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Color

Hex(7E248D)

Conversions

Conversions Part 1

Format	Color
Hex	7E248D
RGB	126, 36, 141
RGB Percent	49%, 14%, 55%
CMY	0.5059, 0.8588, 0.4471
CMYK	0.11, 0.74, 0.00, 0.45
HSL	291°, 59%, 35%
HSV	291°, 74%, 55%
XYZ	14.0428, 7.6205, 25.9301
YIQ	74.8800, 19.9350, 51.7350

Conversions

Conversions Part 2

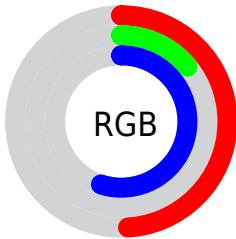
Format	Color
R_{YB}	126, 36, 141
Decimal	8266893
CIE _{Lab}	33.18, 52.35, -39.18
CIE _{LCh}	33, 65.382, 323.189
Yxy	7.6205, 0.2951, 0.1601
Android (android.graphics.Color)	4286456973 (0xFF7E248D)
YUV	74.8800, 32.5972, 44.8322
Hunter-Lab	27.6052, 42.4940, -36.3686

Details

The Hex color **7E248D** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **338D24**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **B65AC3**, and **49005A** is the 20% darker color. If you saturate the color by 10%, you get **7C168D**, and if you desaturate by 10%, it is **80328D**.

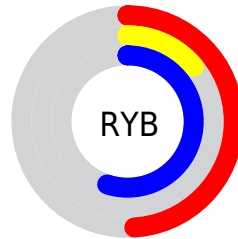
Distribution



Red (49%)

Green (14%)

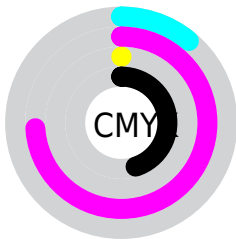
Blue (55%)



Red (49%)

Yellow (14%)

Blue (55%)

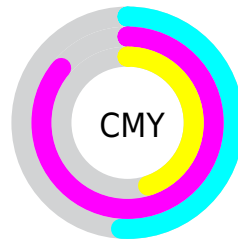


Cyan (11%)

Magenta (74%)

Yellow (0%)

Black (45%)



Cyan (51%)

Magenta (86%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E248D 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 7E248D by changing the saturation by 10% instead.

 7E248D

 7E248D

FFFFFF

 630073

 B65AC3

 49005A

 D275DF

 300042

 EF90FC

 14002B

 FFACFF

 000115

 FFC8FF

 000000

 FFE5FF

 7E248D

 7E248D

 7C168D

 80328D

7A088D

82408D

79008D

844E8D

865C8D

886B8D

8A798D

8C878D

8E958D

90A38D

Harmonies

Analogous

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



1546AF



7E248D



A0005C

Triad

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



7E248D



6A4800



006376

Complementary

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



7E248D



338D24

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.



006240



7E248D



3A5700

Square

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



7E248D



8E2D00



005F00



0061A1

Rectangle

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



7E248D



A5003A



005F00



006364

Sweetspot

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



7E248D



B28FB8



24348D



58445C



DBDBDB



5C5C5C

Same Dimension

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



7E248D



A014B8



8D2468



464047



740087



070008

Inverse Universe

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



8D2433



B8142C



248D49



474041



870013



080001

Previews

White Background



This preview shows how the Hex color 7E248D looks on a white background.

Color Contrast Check

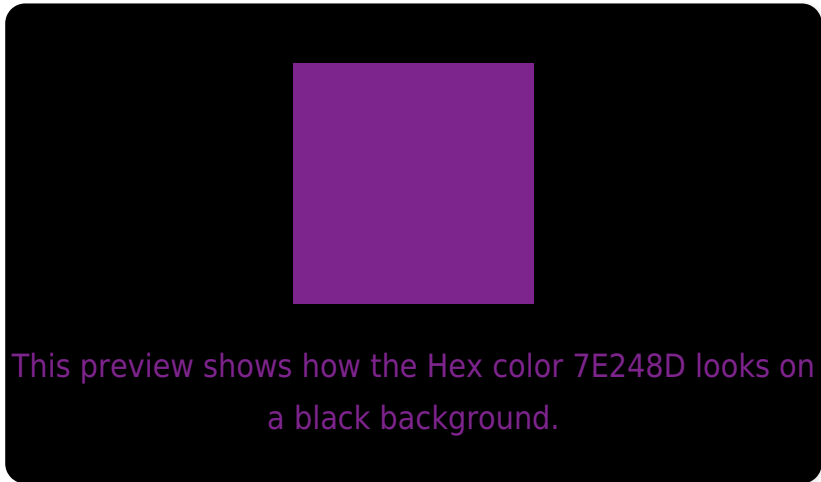
Large Text (above 18pt) WCAG AA ✓ Pass

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

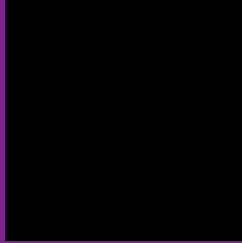
Any Text WCAG AA × Fail

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 7E248D Background



This preview shows how black text looks on a background with the Hex color 7E248D.

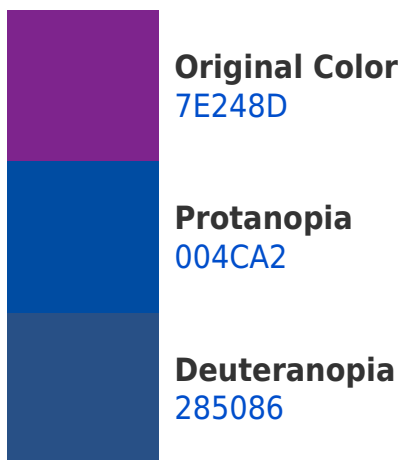


This preview shows how white text looks on a background with the Hex color 7E248D.

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
753F43

Trichromacy



Original Color

7E248D



Protanomaly

2E3D9A



Deuteranomaly

474089



Tritanomaly

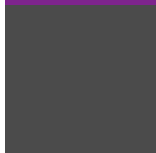
78355E

Monochromacy



Original Color

7E248D



Achromatopsia

4B4B4B



Achromatomaly

5E3D63

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E248D 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 #7E248D looks like.

```
.text, #text, p{  
    color:#7E248D  
}
```

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 #7E248D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E248D
}
```

Border

The CSS property to change the border of an element to Hex 7E248D 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
#7E248D }
```

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

```
.border{ border-color:#7E248D }
```

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

Here you see how a box with a 4 pixel #7E248D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E248D; -webkit-box-shadow:4px 4px  
4px 4px #7E248D; box-shadow:4px 4px 4px  
4px #7E248D }
```

Background

The CSS property to change the background color of an element to Hex 7E248D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E248D }
```

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

```
.background{ background-color:#7E248D }
```

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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