

Converting Colors

Hex(7E28A8)

Have a look what the booklet for
Hex(7E28A8) contains.

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Color

Hex(7E28A8)

Conversions

Conversions Part 1

Format	Color
Hex	7E28A8
RGB	126, 40, 168
RGB Percent	49%, 16%, 66%
CMY	0.5059, 0.8431, 0.3412
CMYK	0.25, 0.76, 0.00, 0.34
HSL	280°, 62%, 41%
HSV	280°, 76%, 66%
XYZ	16.4309, 8.7804, 37.8746
YIQ	80.3060, 10.1680, 58.0400

Conversions

Conversions Part 2

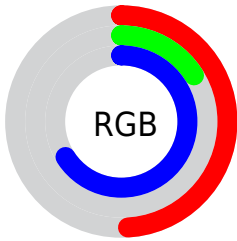
Format	Color
R_{YB}	126, 40, 168
Decimal	8267944
CIE _{Lab}	35.56, 56.30, -51.76
CIE _{LCh}	36, 76.480, 317.404
Yxy	8.7804, 0.2605, 0.1392
Android (android.graphics.Color)	4286458024 (0xFF7E28A8)
YUV	80.3060, 43.2331, 40.0736
Hunter-Lab	29.6317, 47.1234, -55.0410

Details

The Hex color **7E28A8** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **52A828**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B65FE0**, and **470073** is the 20% darker color. If you saturate the color by 10%, you get **7817A8**, and if you desaturate by 10%, it is **8439A8**.

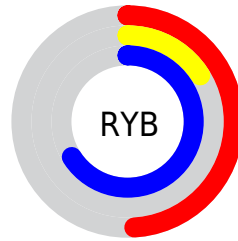
Distribution



Red (49%)

Green (16%)

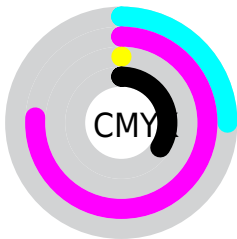
Blue (66%)



Red (49%)

Yellow (16%)

Blue (66%)

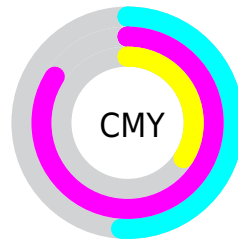


Cyan (25%)

Magenta (76%)

Yellow (0%)

Black (34%)



Cyan (51%)

Magenta (84%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E28A8 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 7E28A8 by changing the saturation by 10% instead.

 7E28A8

 7E28A8

FFFFFF

 62028D

 B65FE0

 470073

 D379FD

 2C005A

 F195FF

 0E0041

 FFB0FF

 00032A

 FFCDFE

 000114

 FFEAFF

 000000

 7E28A8

 7E28A8

 7817A8

 8439A8

7306A8

894AA8

7100A8

8F5AA8

946BA8

9A7CA8

9F8DA8

A59EA8

AAAEA8

B0BFA8

Harmonies

Analogous

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



0050CB



7E28A8



AF0070

Triad

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



7E28A8



7C4800



006B77

Complementary

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



7E28A8



52A828

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.



006A37



7E28A8



455C00

Square

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



7E28A8



A41E00



006500



006AAE

Rectangle

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



7E28A8



B90048



006500



006B62

Sweetspot

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



7E28A8



CBA9DB



2853A8



644F6E



EDEDED



6E6E6E

Same Dimension

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



7E28A8



9A14DB



A82893



514C54



630094



0E0014

Inverse Universe

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



A82852



DB1455



28A83D



544C4E



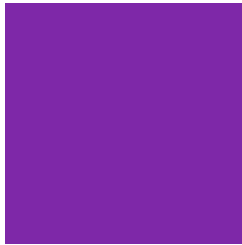
940031



140007

Previews

White Background



This preview shows how the Hex color 7E28A8 looks on a white background.

Color Contrast Check

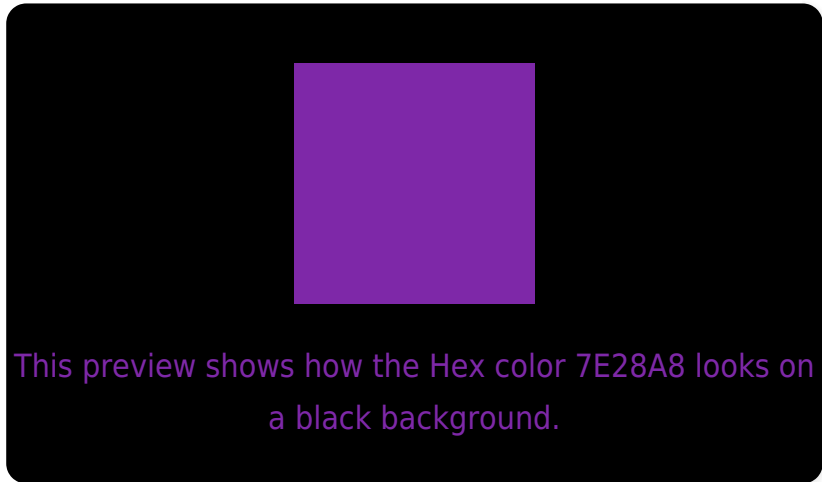
Large Text (above 18pt) WCAG AA ✓ Pass

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

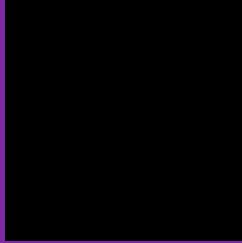
Any Text WCAG AA × Fail

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 7E28A8 Background



This preview shows how black text looks on a background with the Hex color 7E28A8.



This preview shows how white text looks on a background with the Hex color 7E28A8.

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



Original Color
7E28A8

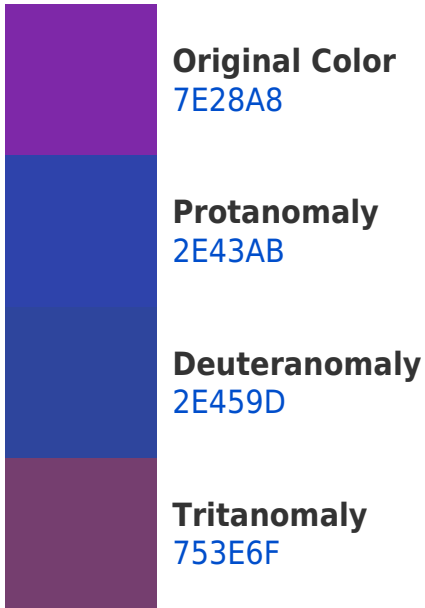
Protanopia
0052AC

Deuteranopia
005697

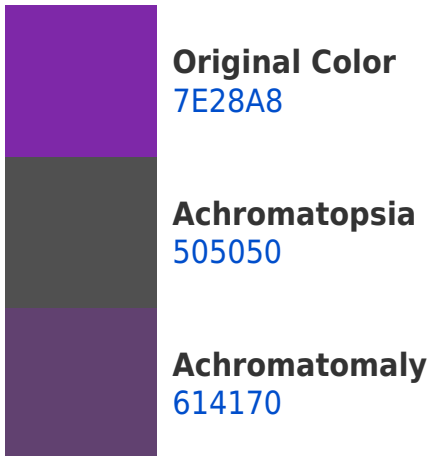


Tritanopia
704A4F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7E28A8 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 #7E28A8 looks like.

```
.text, #text, p{  
    color:#7E28A8  
}
```

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 #7E28A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E28A8
}
```

Border

The CSS property to change the border of an element to Hex 7E28A8 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
#7E28A8 }
```

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

```
.border{ border-color:#7E28A8 }
```

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

Here you see how a box with a 4 pixel #7E28A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E28A8; -webkit-box-shadow:4px 4px  
4px 4px #7E28A8; box-shadow:4px 4px 4px  
4px #7E28A8 }
```

Background

The CSS property to change the background color of an element to Hex 7E28A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E28A8 }
```

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

```
.background{ background-color:#7E28A8 }
```

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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