

Converting Colors

Hex(7C2EA8)

Have a look what the booklet for
Hex(7C2EA8) contains.

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Color

Hex(7C2EA8)

Conversions

Conversions Part 1

Format	Color
Hex	7C2EA8
RGB	124, 46, 168
RGB Percent	49%, 18%, 66%
CMY	0.5137, 0.8196, 0.3412
CMYK	0.26, 0.73, 0.00, 0.34
HSL	278°, 57%, 42%
HSV	278°, 73%, 66%
XYZ	16.3571, 9.0662, 37.9336
YIQ	83.2300, 7.3260, 54.4780

Conversions

Conversions Part 2

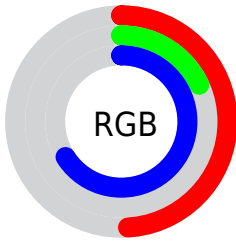
Format	Color
R_{YB}	124, 46, 168
Decimal	8138408
CIE _{Lab}	36.11, 53.50, -50.88
CIE _{LCh}	36, 73.830, 316.435
Yxy	9.0662, 0.2582, 0.1431
Android (android.graphics.Color)	4286328488 (0xFF7C2EA8)
YUV	83.2300, 41.7916, 35.7553
Hunter-Lab	30.1102, 44.2755, -53.6180

Details

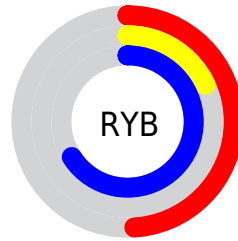
The Hex color **7C2EA8** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5AA82E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B463E0**, and **450073** is the 20% darker color. If you saturate the color by 10%, you get **761DA8**, and if you desaturate by 10%, it is **823FA8**.

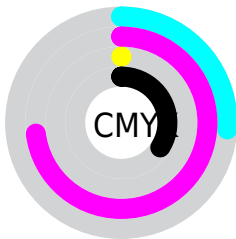
Distribution



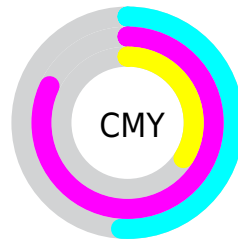
- Red (49%)
- Green (18%)
- Blue (66%)



- Red (49%)
- Yellow (18%)
- Blue (66%)



- Cyan (26%)
- Magenta (73%)
- Yellow (0%)
- Black (34%)



- Cyan (51%)
- Magenta (82%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C2EA8 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 7C2EA8 by changing the saturation by 10% instead.

7C2EA8

7C2EA8

FFFFFF

610F8D

B463E0

450073

D17EFD

2A005A

EE99FF

0D0042

FFB5FF

00032A

FFD1FF

000114

FFEEFF

000000

7C2EA8

7C2EA8

761DA8

823FA8

700CA8

8850A8

6B00A8

8E60A8

9471A8

9A82A8

A093A8

A6A4A8

ACB4A8

B3C5A8

Harmonies

Analogous

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



0052C9



7C2EA8



AD0072

Triad

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



7C2EA8



7E4900



006C75

Complementary

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



7C2EA8



5AA82E

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.



006B37



7C2EA8



4A5C00

Square

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



7C2EA8



A42200



006600



006BAB

Rectangle

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



7C2EA8



B7004B



006600



006C61

Sweetspot

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



7C2EA8



CAABDB



2E5BA8



63516E



EDEDED



6E6E6E

Same Dimension

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



7C2EA8



961DDB



A82E98



514C54



5F0094



0D0014

Inverse Universe

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



A82E5A



DB1D61



2EA83E



544C4F



940035



140007

Previews

White Background



This preview shows how the Hex color 7C2EA8 looks on a white background.

Color Contrast Check

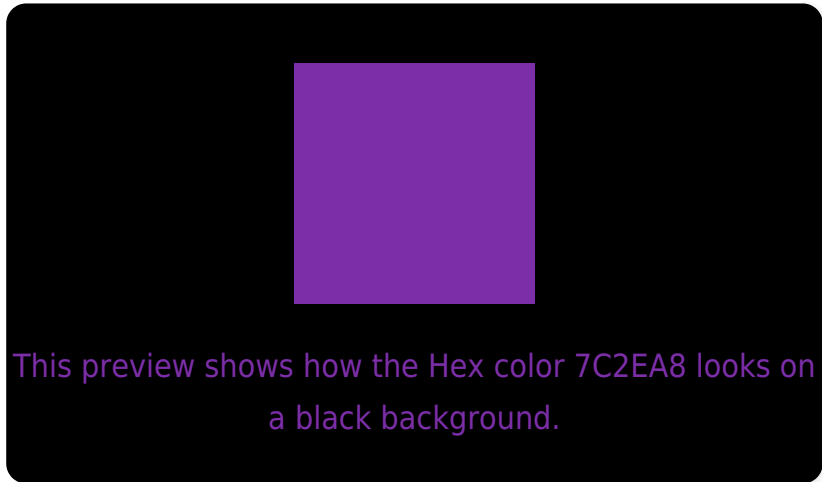
Large Text (above 18pt) WCAG AA ✓ Pass

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

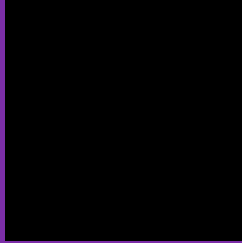
Any Text WCAG AA × Fail

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 7C2EA8 Background



This preview shows how black text looks on a background with the Hex color 7C2EA8.

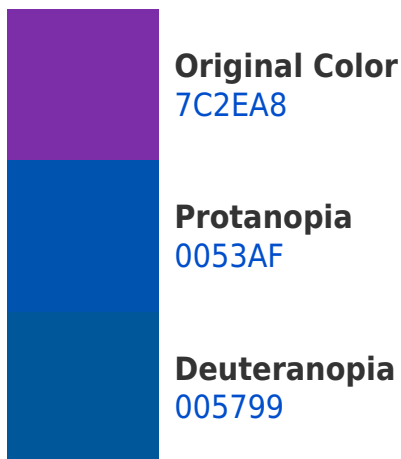


This preview shows how white text looks on a background with the Hex color 7C2EA8.

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
6E4C52

Trichromacy



Original Color
7C2EA8



Protanomaly
2D46AC



Deuteranomaly
2D489E



Tritanomaly
734171

Monochromacy



Original Color
7C2EA8



Achromatopsia
535353



Achromatomaly
624672

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C2EA8 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 #7C2EA8 looks like.

```
.text, #text, p{  
    color:#7C2EA8  
}
```

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 #7C2EA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C2EA8
}
```

Border

The CSS property to change the border of an element to Hex 7C2EA8 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
#7C2EA8 }
```

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

```
.border{ border-color:#7C2EA8 }
```

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

Here you see how a box with a 4 pixel #7C2EA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C2EA8; -webkit-box-shadow:4px 4px  
4px 4px #7C2EA8; box-shadow:4px 4px 4px  
4px #7C2EA8 }
```

Background

The CSS property to change the background color of an element to Hex 7C2EA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C2EA8 }
```

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

```
.background{ background-color:#7C2EA8 }
```

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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