

Converting Colors

Hex(7F2874)

Have a look what the booklet for
Hex(7F2874) contains.

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Color

Hex(7F2874)

Conversions

Conversions Part 1

Format	Color
Hex	7F2874
RGB	127, 40, 116
RGB Percent	50%, 16%, 45%
CMY	0.5020, 0.8431, 0.5451
CMYK	0.00, 0.69, 0.09, 0.50
HSL	308°, 52%, 33%
HSV	308°, 69%, 50%
XYZ	12.6636, 7.2906, 17.2628
YIQ	74.6770, 27.4560, 42.0800

Conversions

Conversions Part 2

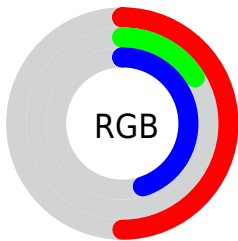
Format	Color
RYB	127, 40, 116
Decimal	8333428
CIELab	32.46, 46.50, -24.70
CIELCh	32, 52.648, 332.026
Yxy	7.2906, 0.3403, 0.1959
Android (android.graphics.Color)	4286523508 (0xFF7F2874)
YUV	74.6770, 20.3722, 45.8873
Hunter-Lab	27.0010, 36.4652, -19.0056

Details

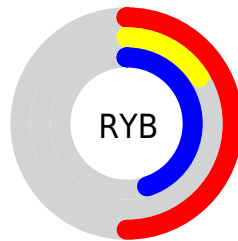
The Hex color **7F2874** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **287F33**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **B65DA8**, and **4A0043** is the 20% darker color. If you saturate the color by 10%, you get **7F1B72**, and if you desaturate by 10%, it is **7F3576**.

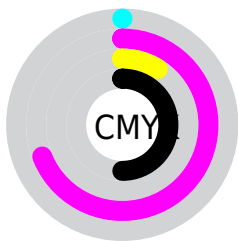
Distribution



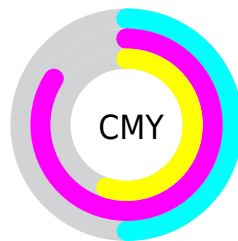
- Red (50%)
- Green (16%)
- Blue (45%)



- Red (50%)
- Yellow (16%)
- Blue (45%)



- Cyan (0%)
- Magenta (69%)
- Yellow (9%)
- Black (50%)



- Cyan (50%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F2874 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 7F2874 by changing the saturation by 10% instead.

 7F2874

 7F2874

FFFFFF

 64075B

 B65DA8

 4A0043

 D377C4

 33002D

 F092E0

 140017

 FFADFC

 000000

 FFC9FF

 FFE6FF

 7F2874

 7F2874

 7F1B72

 7F3576

■ 7F0F71

■ 7F4177

■ 7F026F

■ 7F4E79

■ 7F006F

■ 7F5B7A

■ 7F687C

■ 7F747E

■ 7F817F

■ 7F8E81

■ 7F9A82

Harmonies

Analogous

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



4C4093



7F2874



93164B

Triad

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



7F2874



5B4C00



005E78

Complementary

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



7F2874



287F33

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.



005E4E



7F2874



305600

Square

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



7F2874



7B3B00



005C22



005A96

Rectangle

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



7F2874



931D30



005C22



005E6A

Sweetspot

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



7F2874



A683A1



32287F



543F51



D4D4D4



545454

Same Dimension

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



7F2874



A61E95



7F2849



40393F



80006F



000000

Inverse Universe

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



7F2874



A61E95



287F5E



40393F



80006F



000000

Previews

White Background



This preview shows how the Hex color 7F2874 looks on a white background.

Color Contrast Check

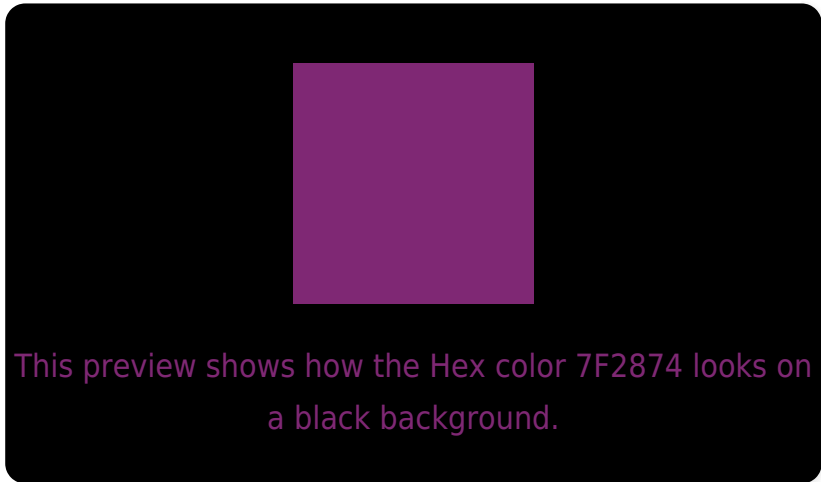
Large Text (above 18pt) WCAG AA ✓ Pass

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

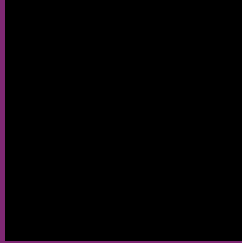
Any Text WCAG AA × Fail

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 7F2874 Background



This preview shows how black text looks on a background with the Hex color 7F2874.

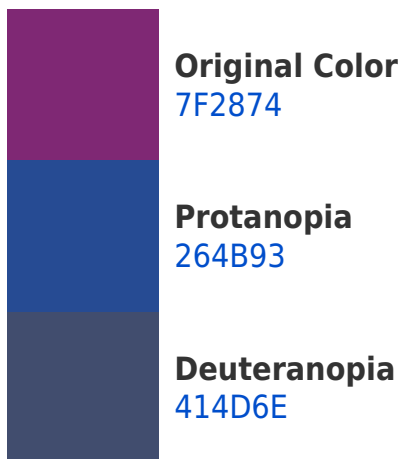



This preview shows how white text looks on a background with the Hex color 7F2874.

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
79393D

Trichromacy



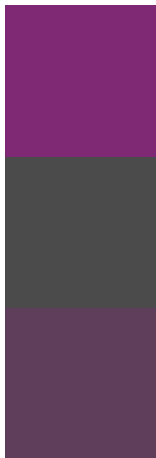
Original Color
7F2874

Protanomaly
463E88

Deuteranomaly
584070

Tritanomaly
7B3351

Monochromacy



Original Color
7F2874

Achromatopsia
4B4B4B

Achromatomaly
5E3E5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F2874 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 #7F2874 looks like.

```
.text, #text, p{  
    color:#7F2874  
}
```

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 #7F2874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2874
}
```

Border

The CSS property to change the border of an element to Hex 7F2874 is called "border". The border property can be set on classes, ids or directly on the HTML element.

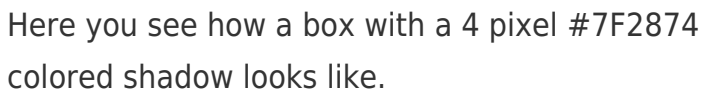
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F2874 }
```

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

```
.border{ border-color:#7F2874 }
```

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



Here you see how a box with a 4 pixel #7F2874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2874; -webkit-box-shadow:4px 4px  
4px 4px #7F2874; box-shadow:4px 4px 4px  
4px #7F2874 }
```

Background

The CSS property to change the background color of an element to Hex 7F2874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2874 }
```

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

```
.background{ background-color:#7F2874 }
```

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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