

Converting Colors

Hex(7F2858)

Have a look what the booklet for
Hex(7F2858) contains.

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Color

Hex(7F2858)

Conversions

Conversions Part 1

Format	Color
Hex	7F2858
RGB	127, 40, 88
RGB Percent	50%, 16%, 35%
CMY	0.5020, 0.8431, 0.6549
CMYK	0.00, 0.69, 0.31, 0.50
HSL	327°, 52%, 33%
HSV	327°, 69%, 50%
XYZ	11.2726, 6.7342, 9.9382
YIQ	71.4850, 36.4440, 33.3720

Conversions

Conversions Part 2

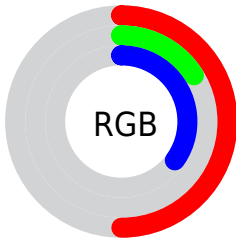
Format	Color
R_{YB}	127, 40, 88
Decimal	8333400
CIE Lab	31.19, 42.24, -8.68
CIE LCh	31, 43.119, 348.387
Yxy	6.7342, 0.4034, 0.2410
Android (android.graphics.Color)	4286523480 (0xFF7F2858)
YUV	71.4850, 8.1419, 48.6867
Hunter-Lab	25.9503, 32.1261, -4.5411

Details

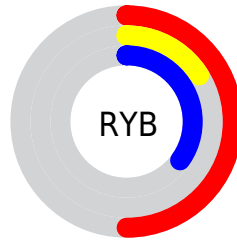
The Hex color **7F2858** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **287F4F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B75C8A**, and **4A002B** is the 20% darker color. If you saturate the color by 10%, you get **7F1B52**, and if you desaturate by 10%, it is **7F355E**.

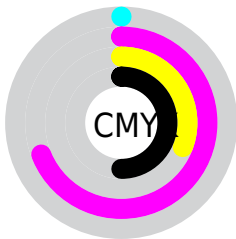
Distribution



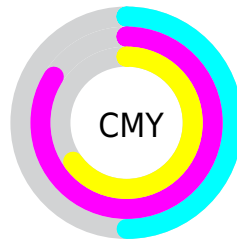
- Red (50%)
- Green (16%)
- Blue (35%)



- Red (50%)
- Yellow (16%)
- Blue (35%)



- Cyan (0%)
- Magenta (69%)
- Yellow (31%)
- Black (50%)



- Cyan (50%)
- Magenta (84%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F2858 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 7F2858 by changing the saturation by 10% instead.

 7F2858

 7F2858

FFFFFF

 640941

 B75C8A

 4A002B

 D376A4

 330017

 F091BF

 0B0000

 FFACDB

 000000

 FFC8F8

 FFE4FF

 7F2858

 7F2858

 7F1B52

 7F355E

■ 7F0F4D

■ 7F4163

■ 7F0247

■ 7F4E69

■ 7F0046

■ 7F5B6F

■ 7F6874

■ 7F747A

■ 7F8180

■ 7F8E86

■ 7F9A8B

Harmonies

Analogous

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



643677



7F2858



852736

Triad

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



7F2858



464E00



00577B

Complementary

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



7F2858



287F4F

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.



00595E



7F2858



1A5519

Square

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



7F2858



644300



00583B



00518C

Rectangle

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



7F2858



802F21



00583B



005873

Sweetspot

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



7F2858



A68396



4E287F



543F4B



D4D4D4



545454

Same Dimension

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



7F2858



A61E69



7F282E



40393D



800046



000000

Inverse Universe

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



7F2858



A61E69



287F79



40393D



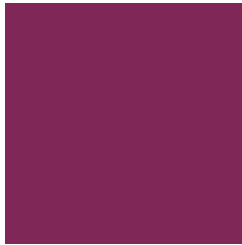
800046



000000

Previews

White Background



This preview shows how the Hex color 7F2858 looks on a white background.

Color Contrast Check

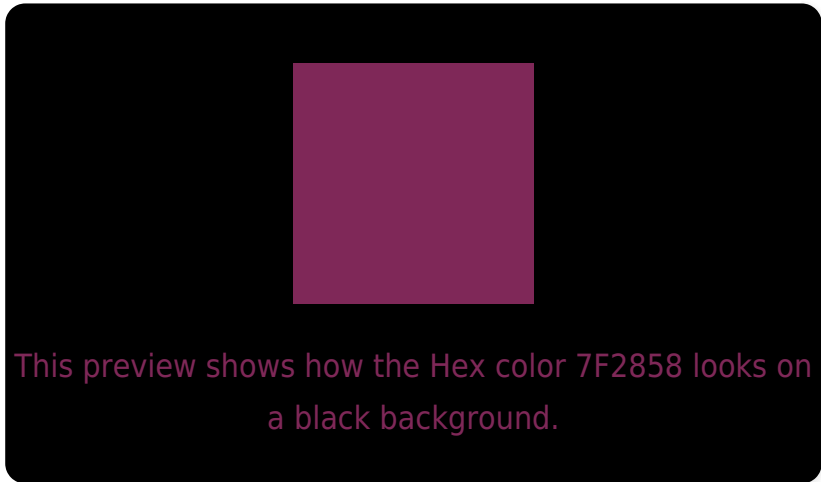
Large Text (above 18pt) WCAG AA ✓ Pass

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

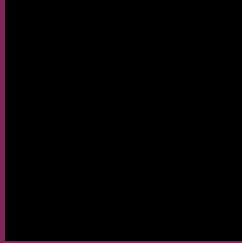
Any Text WCAG AA × Fail

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 7F2858 Background



This preview shows how black text looks on a background with the Hex color 7F2858.

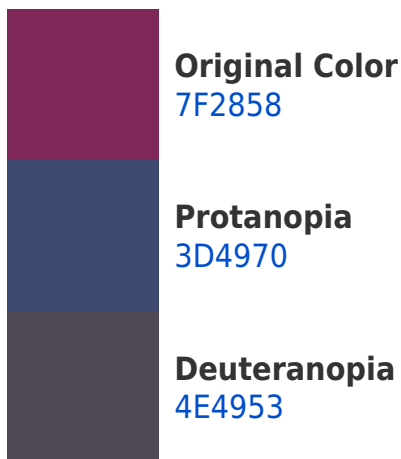



This preview shows how white text looks on a background with the Hex color 7F2858.

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
7C3134

Trichromacy



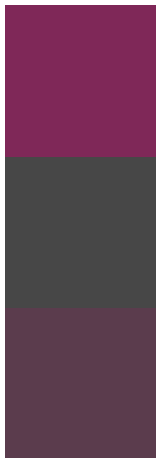
Original Color
7F2858

Protanomaly
553D67

Deuteranomaly
603D55

Tritanomaly
7D2E41

Monochromacy



Original Color
7F2858

Achromatopsia
474747

Achromatomaly
5B3C4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F2858 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 #7F2858 looks like.

```
.text, #text, p{  
    color:#7F2858  
}
```

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 #7F2858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2858
}
```

Border

The CSS property to change the border of an element to Hex 7F2858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

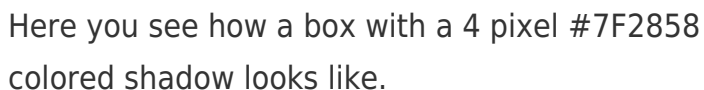
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F2858 }
```

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

```
.border{ border-color:#7F2858 }
```

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



Here you see how a box with a 4 pixel #7F2858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2858; -webkit-box-shadow:4px 4px  
4px 4px #7F2858; box-shadow:4px 4px 4px  
4px #7F2858 }
```

Background

The CSS property to change the background color of an element to Hex 7F2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2858 }
```

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

```
.background{ background-color:#7F2858 }
```

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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