

Converting Colors

Hex(7F588E)

Have a look what the booklet for
Hex(7F588E) contains.

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Color

Hex(7F588E)

Conversions

Conversions Part 1

Format	Color
Hex	7F588E
RGB	127, 88, 142
RGB Percent	50%, 35%, 56%
CMY	0.5020, 0.6549, 0.4431
CMYK	0.11, 0.38, 0.00, 0.44
HSL	283°, 23%, 45%
HSV	283°, 38%, 56%
XYZ	17.1246, 13.4445, 27.2837
YIQ	105.8170, 5.9100, 25.0620

Conversions

Conversions Part 2

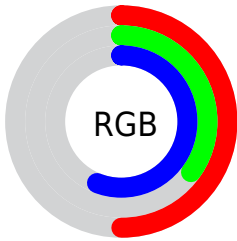
Format	Color
RYB	127, 88, 142
Decimal	8345742
CIELab	43.43, 26.26, -23.63
CIElCh	43, 35.324, 318.011
Yxy	13.4445, 0.2960, 0.2324
Android (android.graphics.Color)	4286535822 (0xFF7F588E)
YUV	105.8170, 17.8382, 18.5775
Hunter-Lab	36.6667, 19.1989, -18.4510

Details

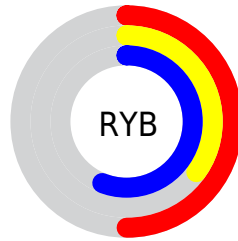
The Hex color **7F588E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **678E58**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B58BC4**, and **4D295B** is the 20% darker color. If you saturate the color by 10%, you get **7B4A8E**, and if you desaturate by 10%, it is **83668E**.

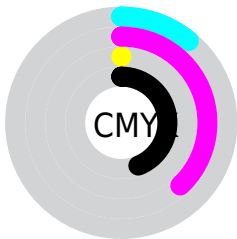
Distribution



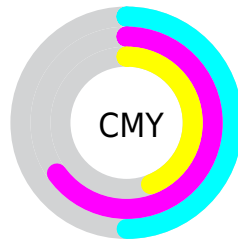
- Red (50%)
- Green (35%)
- Blue (56%)



- Red (50%)
- Yellow (35%)
- Blue (56%)



- Cyan (11%)
- Magenta (38%)
- Yellow (0%)
- Black (44%)



- Cyan (50%)
- Magenta (65%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F588E 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 7F588E by changing the saturation by 10% instead.

7F588E

7F588E

FFFFFF

654074

B58BC4

4D295B

D0A5E0

351344

EDC0FD

20002D

FFDCFF

000118

FFF9FF

000000

7F588E

7F588E

7B4A8E

83668E

773C8E

87748E

732D8E

8B838E

6F1F8E

8F918E

6B118E

939F8E

67038E

97AD8E

67008E

9BBB8E

9FCA8E

A3D88E

Harmonies

Analogous

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



55639E



7F588E



974F74

Triad

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



7F588E



82612C



007578

Complementary

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



7F588E



678E58

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.



0A7559



7F588E



676A2D

Square

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



7F588E



96563C



45713E



007391

Rectangle

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



7F588E



9D4E60



45713E



00756E

Sweetspot

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



7F588E



B2A3B8



58678E



58505C



DBDBDB



5C5C5C

Same Dimension

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



7F588E



A063B8



8E5882



454047



620087



060008

Inverse Universe

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



8E5867



B8637B



588E64



474042



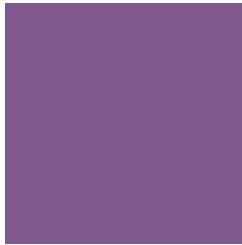
870026



080002

Previews

White Background



This preview shows how the Hex color 7F588E looks on a white background.

Color Contrast Check

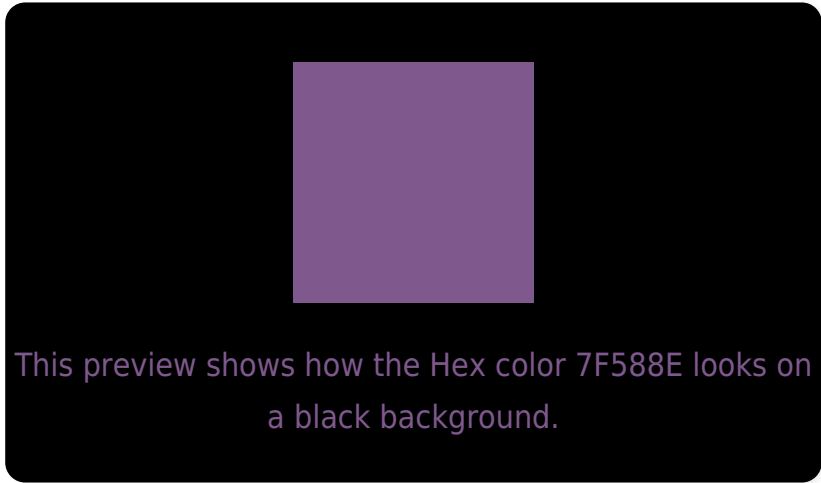
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

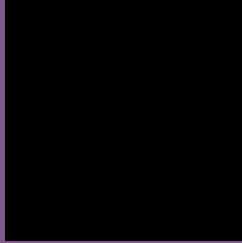
Any Text WCAG AA × Fail

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 7F588E Background



This preview shows how black text looks on a background with the Hex color 7F588E.



This preview shows how white text looks on a background with the Hex color 7F588E.

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
796068

Trichromacy



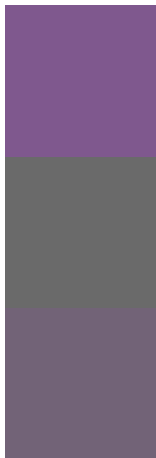
Original Color
7F588E

Protanomaly
656095

Deuteranomaly
69608C

Tritanomaly
7B5D76

Monochromacy



Original Color
7F588E

Achromatopsia
6A6A6A

Achromatomaly
726377

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F588E 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 #7F588E looks like.

```
.text, #text, p{  
    color:#7F588E  
}
```

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 #7F588E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F588E
}
```

Border

The CSS property to change the border of an element to Hex 7F588E is called "border". The border property can be set on classes, ids or directly on the HTML element.

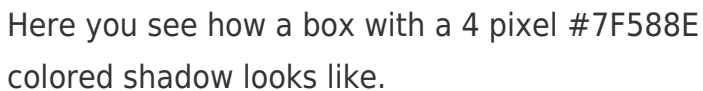
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F588E }
```

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

```
.border{ border-color:#7F588E }
```

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



Here you see how a box with a 4 pixel #7F588E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F588E; -webkit-box-shadow:4px 4px  
4px 4px #7F588E; box-shadow:4px 4px 4px  
4px #7F588E }
```

Background

The CSS property to change the background color of an element to Hex 7F588E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F588E }
```

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

```
.background{ background-color:#7F588E }
```

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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