

Converting Colors

Hex(7F648A)

Have a look what the booklet for
Hex(7F648A) contains.

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Color

Hex(7F648A)

Conversions

Conversions Part 1

Format	Color
Hex	7F648A
RGB	127, 100, 138
RGB Percent	50%, 39%, 54%
CMY	0.5020, 0.6078, 0.4588
CMYK	0.08, 0.28, 0.00, 0.46
HSL	283°, 16%, 47%
HSV	283°, 28%, 54%
XYZ	17.8970, 15.4613, 26.0858
YIQ	112.4050, 3.8940, 17.5420

Conversions

Conversions Part 2

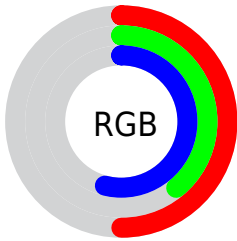
Format	Color
R_{YB}	127, 100, 138
Decimal	8348810
CIE _{Lab}	46.26, 18.22, -16.87
CIE _{LCh}	46, 24.834, 317.204
Yxy	15.4613, 0.3011, 0.2601
Android (android.graphics.Color)	4286538890 (0xFF7F648A)
YUV	112.4050, 12.6183, 12.7998
Hunter-Lab	39.3209, 12.4331, -11.8088

Details

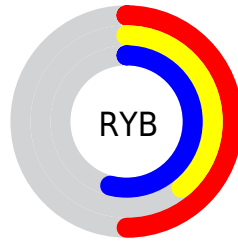
The Hex color **7F648A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6F8A64**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B497C0**, and **4D3558** is the 20% darker color. If you saturate the color by 10%, you get **7B568A**, and if you desaturate by 10%, it is **83728A**.

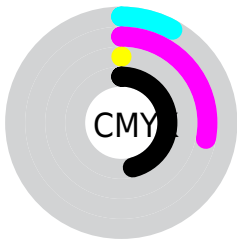
Distribution



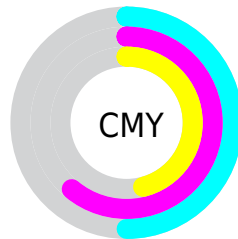
- Red (50%)
- Green (39%)
- Blue (54%)



- Red (50%)
- Yellow (39%)
- Blue (54%)



- Cyan (8%)
- Magenta (28%)
- Yellow (0%)
- Black (46%)



- Cyan (50%)
- Magenta (61%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F648A 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 7F648A by changing the saturation by 10% instead.

7F648A

7F648A

FFFFFF

664C70

B497C0

4D3558

D0B2DB

361F41

ECCDF8

200A2A

FFEAFF

000015

000000

7F648A

7F648A

7B568A

83728A

77488A

87808A

733B8A

8B8D8A

6F2D8A

8F9B8A

6B1F8A

93A98A

67118A

97B78A

63038A

9BC58A

62008A

9FD28A

A3E08A

Harmonies

Analogous

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



636B95



7F648A



915F77

Triad

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



7F648A



846945



277979

Complementary

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



7F648A



6F8A64

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.



3F7864



7F648A



707045

Square

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



7F648A



926250



587551



27778B

Rectangle

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



7F648A



965E69



587551



2E7972

Sweetspot

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



7F648A



AEA4B3



646F8A



575059



D9D9D9



595959

Same Dimension

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



7F648A



A178B3



8A6482



433E45



5E0085



040005

Inverse Universe

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



8A646F



B37889



648A6C



453E40



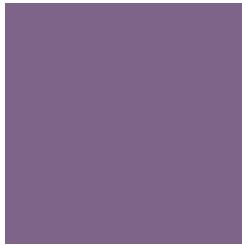
850026



050001

Previews

White Background



This preview shows how the Hex color 7F648A 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

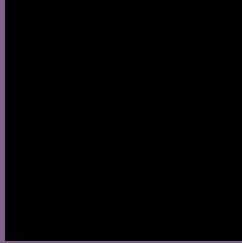
Any Text WCAG AA × Fail

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 7F648A Background



This preview shows how black text looks on a background with the Hex color 7F648A.



This preview shows how white text looks on a background with the Hex color 7F648A.

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
7B6971

Trichromacy



Original Color
7F648A

Protanomaly
6E698E

Deuteranomaly
726989

Tritanomaly
7C677A

Monochromacy



Original Color
7F648A

Achromatopsia
707070

Achromatomaly
756C79

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F648A 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 #7F648A looks like.

```
.text, #text, p{  
    color:#7F648A  
}
```

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 #7F648A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F648A
}
```

Border

The CSS property to change the border of an element to Hex 7F648A is called "border". The border property can be set on classes, ids or directly on the HTML element.

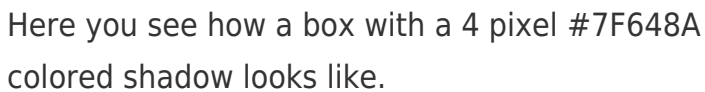
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F648A }
```

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

```
.border{ border-color:#7F648A }
```

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



Here you see how a box with a 4 pixel #7F648A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F648A; -webkit-box-shadow:4px 4px  
4px 4px #7F648A; box-shadow:4px 4px 4px  
4px #7F648A }
```

Background

The CSS property to change the background color of an element to Hex 7F648A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F648A }
```

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

```
.background{ background-color:#7F648A }
```

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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