

# Converting Colors

Hex(84788F)

Have a look what the booklet for  
Hex(84788F) contains.

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# Color

**Hex(84788F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84788F
RGB	132, 120, 143
RGB Percent	52%, 47%, 56%
CMY	0.4824, 0.5294, 0.4392
CMYK	0.08, 0.16, 0.00, 0.44
HSL	271°, 9%, 52%
HSV	271°, 16%, 56%
XYZ	21.1901, 20.3216, 28.7922
YIQ	126.2100, -0.2310, 9.6970

# Conversions

## Conversions Part 2

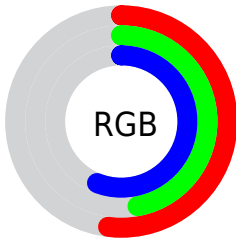
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	132, 120, 143
Decimal	8681615
CIE Lab	52.20, 9.22, -10.79
CIE LCh	52, 14.190, 310.521
Yxy	20.3216, 0.3014, 0.2891
Android (android.graphics.Color)	4286871695 (0xFF84788F)
YUV	126.2100, 8.2775, 5.0778
Hunter-Lab	45.0795, 5.0166, -6.3128

# Details

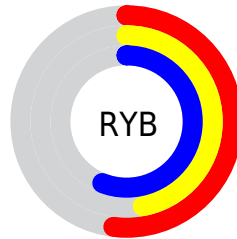
The Hex color **84788F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **838F78**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B9ACC5**, and **52485D** is the 20% darker color. If you saturate the color by 10%, you get **7D6A8F**, and if you desaturate by 10%, it is **8B868F**.

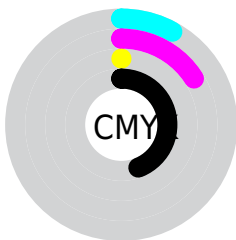
# Distribution



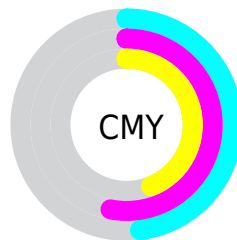
- Red (52%)
- Green (47%)
- Blue (56%)



- Red (52%)
- Yellow (47%)
- Blue (56%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (44%)



- Cyan (48%)
- Magenta (53%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84788F 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 84788F by changing the saturation by 10% instead.



■ 84788F

■ 84788F

FFFFFF

■ 6B5F75

■ B9ACC5

■ 52485D

■ D5C8E1

■ 3B3145

■ F1E4FD

■ 251C2F

■ 12021A

■ 000000

■ 84788F

■ 84788F

■ 7D6A8F

■ 8B868F

■ 765B8F

■ 92958F

6F4D8F

99A38F

693F8F

9FB18F

62318F

A6C08F

5B228F

ADCE8F

54148F

B4DC8F

4D068F

BBEA8F

4B008F

C2F98F

# Harmonies

## Analogous

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



747C94



84788F



907585

# Triad

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



84788F



8D7966



5E8480

# Complementary

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



84788F



838F78

# 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.



678374



84788F



827D65

# Square

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



84788F



95766D



74816A



5D838C

# Rectangle

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



84788F



95747D



74816A



60847C



# Sweetspot

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



84788F



B6B1BA



78838F



5C595E



DEDEDE



5E5E5E



# Same Dimension

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



84788F



A997BA



8F788F



444047



470087



040008



# Inverse Universe

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



8F7883



BA97A8



788F78



474044



870041



080004



# Previews

## White Background



This preview shows how the Hex color 84788F looks on a white 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

# Black Background



This preview shows how the Hex color 84788F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

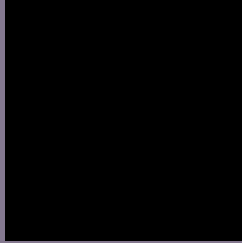
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84788F Background



This preview shows how black text looks on a background with the Hex color 84788F.



This preview shows how white text looks on a background with the Hex color 84788F.

# 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



**Original Color**  
84788F

**Protanopia**  
787C91

**Deuteranopia**  
80798F



**Tritanopia**  
827A84

# Trichromacy



**Original Color**  
84788F

**Protanomaly**  
7C7B90

**Deuteranomaly**  
81798F

**Tritanomaly**  
837988

# Monochromacy



**Original Color**  
84788F

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
807C84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84788F 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 #84788F looks like.

```
.text, #text, p{  
    color:#84788F  
}
```

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 #84788F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84788F
}
```

## Border

The CSS property to change the border of an element to Hex 84788F is called "border". The border property can be set on classes, ids or directly on the HTML element.

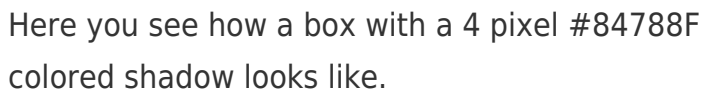
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84788F }
```

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

```
.border{ border-color:#84788F }
```

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



Here you see how a box with a 4 pixel #84788F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84788F; -webkit-box-shadow:4px 4px  
4px 4px #84788F; box-shadow:4px 4px 4px  
4px #84788F }
```

# Background

The CSS property to change the background color of an element to Hex 84788F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84788F }
```

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

```
.background{ background-color:#84788F }
```

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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