

# Converting Colors

Hex(78928A)

Have a look what the booklet for  
Hex(78928A) contains.

<b>Hex(78928A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(78928A)

# Conversions

## Conversions Part 1

Format	Color
Hex	78928A
RGB	120, 146, 138
RGB Percent	47%, 57%, 54%
CMY	0.5294, 0.4275, 0.4588
CMYK	0.18, 0.00, 0.05, 0.43
HSL	162°, 11%, 52%
HSV	162°, 18%, 57%
XYZ	22.6121, 26.3858, 27.9459
YIQ	137.3140, -12.9280, -8.0000

# Conversions

## Conversions Part 2

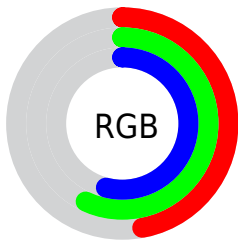
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 135, 146
Decimal	7901834
CIE <sub>Lab</sub>	58.40, -10.88, 1.18
CIE <sub>LCh</sub>	58, 10.943, 173.825
Yxy	26.3858, 0.2939, 0.3429
Android (android.graphics.Color)	4286091914 (0xFF78928A)
YUV	137.3140, 0.3382, -15.1844
Hunter-Lab	51.3671, -11.3159, 3.7007

# Details

The Hex color **78928A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **927880**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **ADC8BF**, and **475F58** is the 20% darker color. If you saturate the color by 10%, you get **699286**, and if you desaturate by 10%, it is **87928E**.

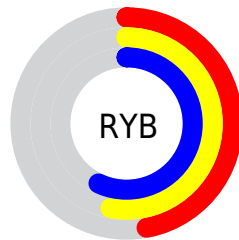
# Distribution



Red (47%)

Green (57%)

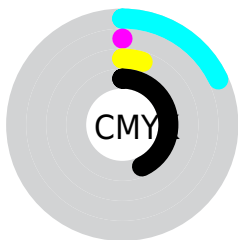
Blue (54%)



Red (47%)

Yellow (53%)

Blue (57%)

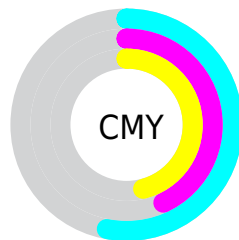


Cyan (18%)

Magenta (0%)

Yellow (5%)

Black (43%)



Cyan (53%)

Magenta (43%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78928A 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 78928A by changing the saturation by 10% instead.





78928A



78928A

FFFFFF



5F7871



ADC8BF



475F58



C8E4DB



304841



E4FFF8



1A312B



041C16



000000



78928A



78928A



699286



87928E



5B9281



959293

4C927D

A49297

3E9278

B2929C

2F9274

C192A0

20926F

D092A5

12926B

DE92A9

039266

ED92AE

009265

FB92B2

# Harmonies

## Analogous

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



819181



78928A



749294

# Triad

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



78928A



8C8B9E



9E887D

# Complementary

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



78928A



927880

# 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.



A18685



78928A



978898

# Square

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



78928A



808E9F



9F868F



968B7A

# Rectangle

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



78928A



759199



9F868F



A08780



# Sweetspot

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



78928A



B3BDBA



809278



595E5D



DEDEDE



5E5E5E



# Same Dimension

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



78928A



95BDB1



788D92



434A48



008A5F



000A07



# Inverse Universe

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



927880



BD95A1



927D78



4A4345



8A002A



0A0003



# Previews

## White Background



This preview shows how the Hex color 78928A looks on a white background.

## Color Contrast Check

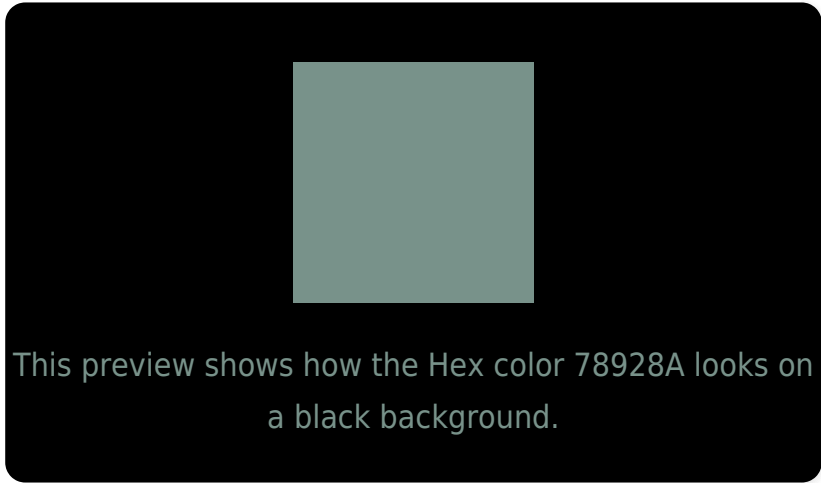
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

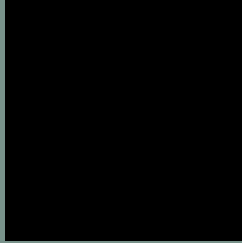
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

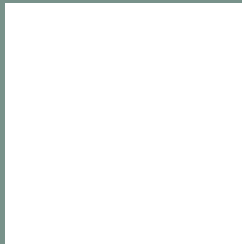
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 78928A Background



This preview shows how black text looks on a background with the Hex color 78928A.

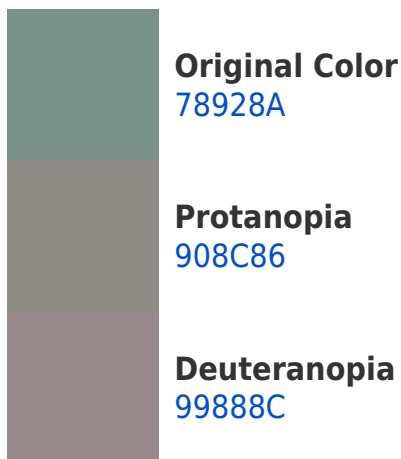


This preview shows how white text looks on a background with the Hex color 78928A.

# 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](#).

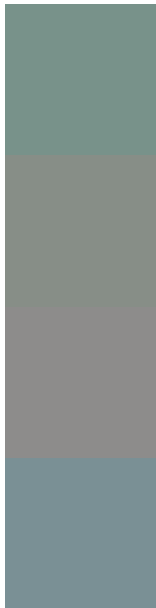
## Dichromacy





**Tritanopia**  
7B8F9B

# Trichromacy



**Original Color**  
78928A

**Protanomaly**  
878E87

**Deuteranomaly**  
8D8C8B

**Tritanomaly**  
7A9095

# Monochromacy



**Original Color**  
78928A

**Achromatopsia**  
898989

**Achromatomaly**  
838C89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78928A 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 #78928A looks like.

```
.text, #text, p{  
    color:#78928A  
}
```

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 #78928A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78928A
}
```

## Border

The CSS property to change the border of an element to Hex 78928A 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
#78928A }
```

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

```
.border{ border-color:#78928A }
```

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

Here you see how a box with a 4 pixel #78928A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78928A; -webkit-box-shadow:4px 4px  
4px 4px #78928A; box-shadow:4px 4px 4px  
4px #78928A }
```

# Background

The CSS property to change the background color of an element to Hex 78928A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78928A }
```

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

```
.background{ background-color:#78928A }
```

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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