

# Converting Colors

Hex(82A08F)

Have a look what the booklet for  
Hex(82A08F) contains.

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# **Color**

**Hex(82A08F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82A08F
RGB	130, 160, 143
RGB Percent	51%, 63%, 56%
CMY	0.4902, 0.3725, 0.4392
CMYK	0.19, 0.00, 0.11, 0.37
HSL	146°, 14%, 57%
HSV	146°, 19%, 63%
XYZ	26.7347, 31.8706, 30.7292
YIQ	149.0920, -12.4230, -11.6470

# Conversions

## Conversions Part 2

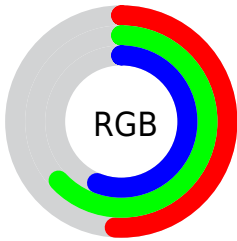
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 151, 160
Decimal	8560783
CIELab	63.24, -13.93, 5.43
CIELCh	63, 14.949, 158.720
Yxy	31.8706, 0.2993, 0.3568
Android (android.graphics.Color)	4286750863 (0xFF82A08F)
YUV	149.0920, -3.0034, -16.7437
Hunter-Lab	56.4541, -14.2633, 7.2450

# Details

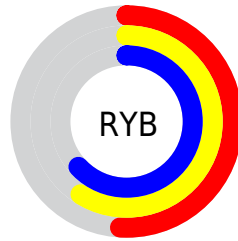
The Hex color **82A08F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A08293**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B7D7C5**, and **506C5D** is the 20% darker color. If you saturate the color by 10%, you get **72A086**, and if you desaturate by 10%, it is **92A098**.

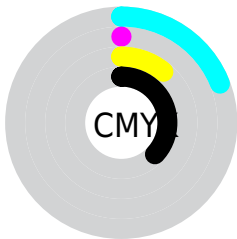
# Distribution



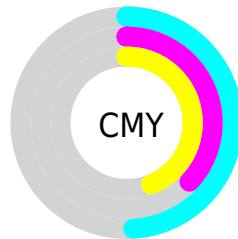
- Red (51%)
- Green (63%)
- Blue (56%)



- Red (51%)
- Yellow (59%)
- Blue (63%)



- Cyan (19%)
- Magenta (0%)
- Yellow (11%)
- Black (37%)



- Cyan (49%)
- Magenta (37%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82A08F 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 82A08F by changing the saturation by 10% instead.





82A08F



82A08F

FFFFFF



698675



B7D7C5



506C5D



D3F3E1



395445



EFFFFD



223D2F



0D271A



001300



000000



82A08F



82A08F



72A086



92A098

 62A07D

 A2A0A1

 52A074

 B2A0AA

 42A06B

 C2A0B3

 32A062

 D2A0BC

 22A059

 E2A0C5

 12A050

 F2A0CE

 02A046

 FFA0D8

 00A045

 FFA0E1

# Harmonies

## Analogous

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



909D84



82A08F



78A19D

# Triad

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



82A08F



8F99B3



B49189

# Complementary

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



82A08F



A08293

# 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.



B59096



82A08F



A094AE

# Square

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



82A08F



809DB1



AE91A3



AC9581

# Rectangle

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



82A08F



76A0A5



AE91A3



B5918D



# Sweetspot

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



82A08F



C5D1CA



93A082



616964



E8E8E8



696969



# Same Dimension

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



82A08F



A1D1B6



82A09E



474F4B



008F3E



000F07



# Inverse Universe

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



A08293



D1A1BC



A08284



4F474C



8F0051

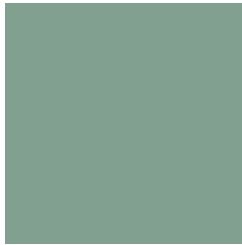


0F0009



# Previews

## White Background



This preview shows how the Hex color 82A08F looks on a white background.

## Color Contrast Check

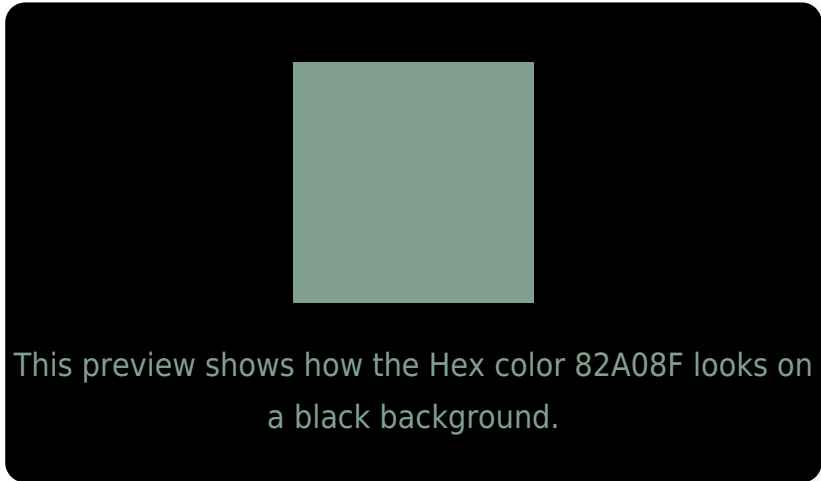
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

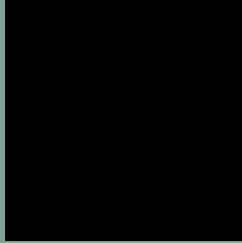
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82A08F Background



This preview shows how black text looks on a background with the Hex color 82A08F.

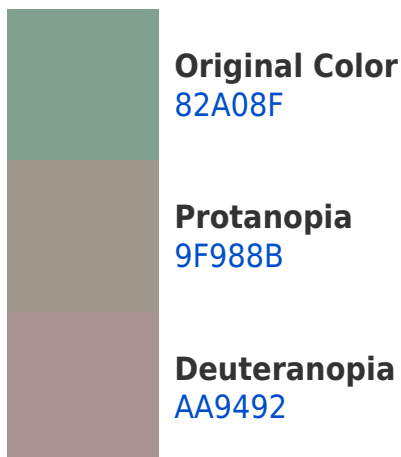


This preview shows how white text looks on a background with the Hex color 82A08F.

# 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](#).

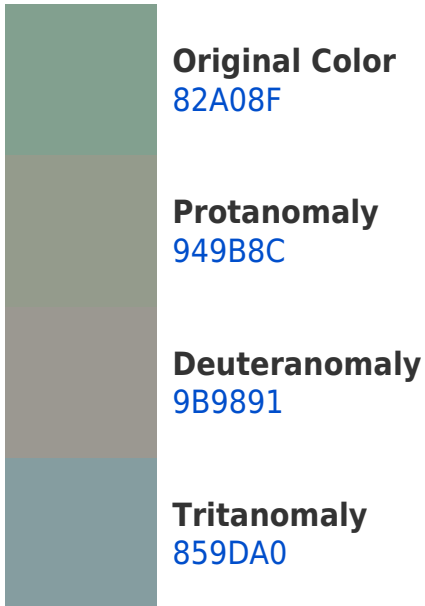
## Dichromacy



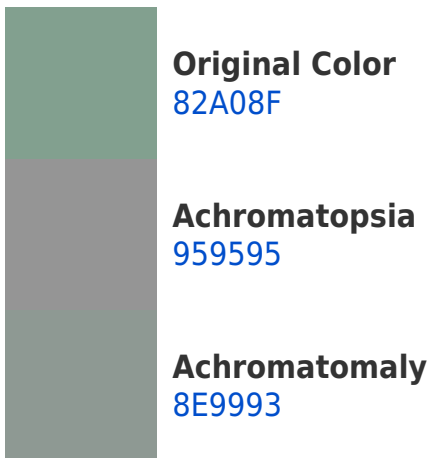


**Tritanopia**  
879CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82A08F 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 #82A08F looks like.

```
.text, #text, p{  
    color:#82A08F  
}
```

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 #82A08F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A08F
}
```

## Border

The CSS property to change the border of an element to Hex 82A08F 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
#82A08F }
```

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

```
.border{ border-color:#82A08F }
```

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

Here you see how a box with a 4 pixel #82A08F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A08F; -webkit-box-shadow:4px 4px  
4px 4px #82A08F; box-shadow:4px 4px 4px  
4px #82A08F }
```

# Background

The CSS property to change the background color of an element to Hex 82A08F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A08F }
```

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

```
.background{ background-color:#82A08F }
```

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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