

# Converting Colors

Hex(8F64A1)

Have a look what the booklet for  
Hex(8F64A1) contains.

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# Color

**Hex(8F64A1)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 8F64A1                    |
| RGB           | 143, 100, 161             |
| RGB Percent   | 56%, 39%, 63%             |
| CMY           | 0.4392, 0.6078, 0.3686    |
| CMYK          | 0.11, 0.38, 0.00, 0.37    |
| HSL           | 282°, 24%, 51%            |
| HSV           | 282°, 38%, 63%            |
| XYZ           | 22.3179, 17.5272, 35.9250 |
| YIQ           | 119.8110, 6.0470, 28.0870 |

# Conversions

## Conversions Part 2

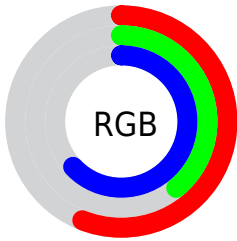
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 143, 100, 161                 |
| Decimal                             | 9397409                       |
| CIE <sub>Lab</sub>                  | 48.92, 28.65, -26.27          |
| CIE <sub>LCh</sub>                  | 49, 38.873, 317.477           |
| Yxy                                 | 17.5272, 0.2945,<br>0.2313    |
| Android<br>(android.graphics.Color) | 4287587489<br>(0xFF8F64A1)    |
| YUV                                 | 119.8110, 20.3062,<br>20.3368 |
| Hunter-Lab                          | 41.8655, 21.8912,<br>-21.5712 |

# Details

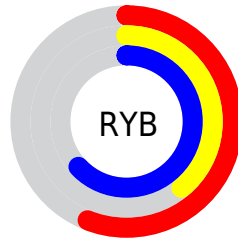
The Hex color **8F64A1** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **76A164**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **C698D8**, and **5B346D** is the 20% darker color. If you saturate the color by 10%, you get **8A54A1**, and if you desaturate by 10%, it is **9474A1**.

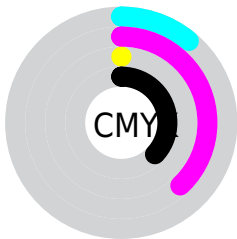
# Distribution



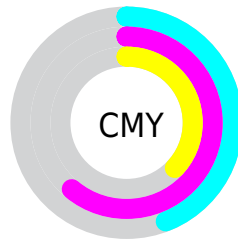
- Red (56%)
- Green (39%)
- Blue (63%)



- Red (56%)
- Yellow (39%)
- Blue (63%)



- Cyan (11%)
- Magenta (38%)
- Yellow (0%)
- Black (37%)



- Cyan (44%)
- Magenta (61%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F64A1 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 8F64A1 by changing the saturation by 10% instead.



8F64A1

8F64A1

FFFFFF

754C87

C698D8

5B346D

E2B3F5

431D55

FFCEFF

2B063D

FFEBFF

190027

000110

000000

8F64A1

8F64A1

8A54A1

9474A1

8544A1

9984A1

8134A1

9D94A1

7C24A1

A2A4A1

7714A1

A7B5A1

7203A1

ACC5A1

7100A1

B0D5A1

B5E5A1

BAF5A1

# Harmonies

## Analogous

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



6071B3



8F64A1



AA5A83

# Triad

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



8F64A1



936E33



008587

# Complementary

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



8F64A1



76A164

# 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.



0D8465



8F64A1



757833

# Square

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



8F64A1



A96145



4F8046



0082A4

# Rectangle

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



8F64A1



B2586D



4F8046



00857C



# Sweetspot

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



8F64A1



CABAD1



6476A1



655B69



E8E8E8



696969



# Same Dimension

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



8F64A1



B573D1



A16495



4F4952



660091



0D0012



# Inverse Universe

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



A16476



D1738F



64A170



52494C



91002B



120005



# Previews

## White Background



This preview shows how the Hex color 8F64A1 looks on a white background.

## Color Contrast Check

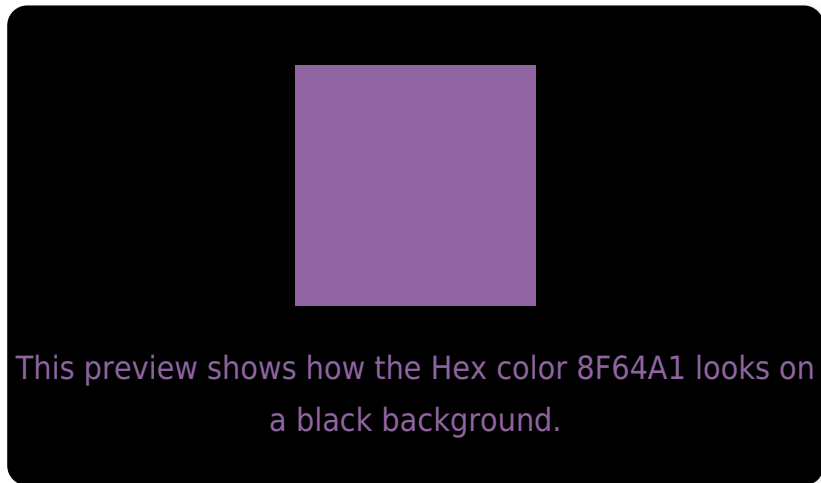
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

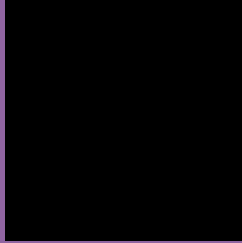
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8F64A1 Background



This preview shows how black text looks on a background with the Hex color 8F64A1.



This preview shows how white text looks on a background with the Hex color 8F64A1.

# 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**  
8F64A1

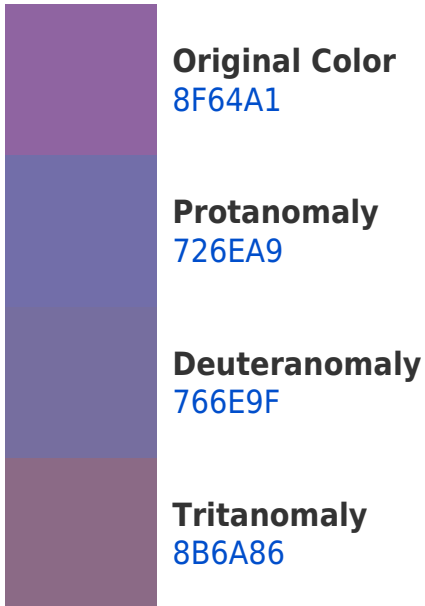
**Protanopia**  
6173AD

**Deuteranopia**  
68739E

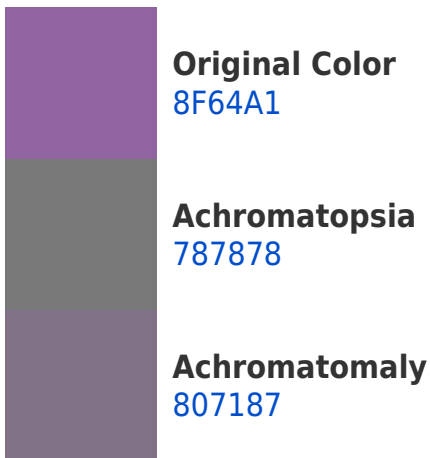


**Tritanopia**  
886D76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F64A1 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 #8F64A1 looks like.

```
.text, #text, p{  
    color:#8F64A1  
}
```

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 #8F64A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F64A1
}
```

## Border

The CSS property to change the border of an element to Hex 8F64A1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

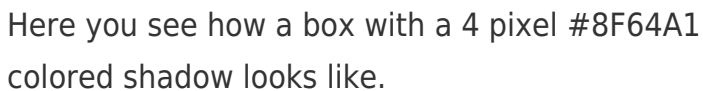
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8F64A1 }
```

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

```
.border{ border-color:#8F64A1 }
```

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



Here you see how a box with a 4 pixel #8F64A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F64A1; -webkit-box-shadow:4px 4px  
4px 4px #8F64A1; box-shadow:4px 4px 4px  
4px #8F64A1 }
```

# Background

The CSS property to change the background color of an element to Hex 8F64A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F64A1 }
```

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

```
.background{ background-color:#8F64A1 }
```

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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