

# Converting Colors

Hex(827892)

Have a look what the booklet for  
Hex(827892) contains.

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**Color**

**Hex(827892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	827892
RGB	130, 120, 146
RGB Percent	51%, 47%, 57%
CMY	0.4902, 0.5294, 0.4275
CMYK	0.11, 0.18, 0.00, 0.43
HSL	263°, 11%, 52%
HSV	263°, 18%, 57%
XYZ	21.1107, 20.2541, 29.9909
YIQ	125.9540, -2.3860, 10.2060

# Conversions

## Conversions Part 2

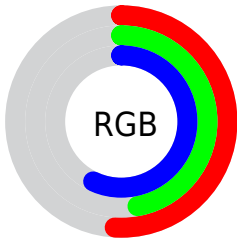
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 120, 146
Decimal	8550546
CIE Lab	52.12, 9.17, -12.67
CIE LCh	52, 15.642, 305.875
Yxy	20.2541, 0.2959, 0.2838
Android (android.graphics.Color)	4286740626 (0xFF827892)
YUV	125.9540, 9.8827, 3.5483
Hunter-Lab	45.0045, 4.9727, -8.0075

# Details

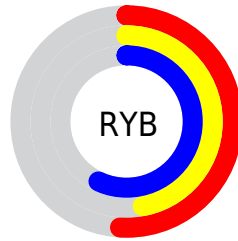
The Hex color **827892** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **889278**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B7ACC8**, and **50485F** is the 20% darker color. If you saturate the color by 10%, you get **796992**, and if you desaturate by 10%, it is **8B8792**.

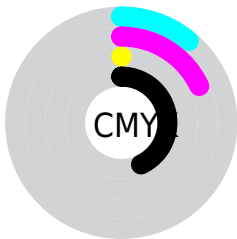
# Distribution



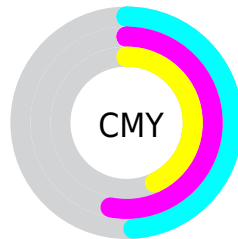
- Red (51%)
- Green (47%)
- Blue (57%)



- Red (51%)
- Yellow (47%)
- Blue (57%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (43%)



- Cyan (49%)
- Magenta (53%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 827892 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 827892 by changing the saturation by 10% instead.



■ 827892

■ 827892

FFFFFF

■ 695F78

■ B7ACC8

■ 50485F

■ D3C8E4

■ 393148

■ EFE4FF

■ 231C31

■ 10021D

■ 000000

■ 827892

■ 827892

■ 796992

■ 8B8792

■ 705B92

■ 949592

674C92

9DA492

5E3E92

A6B292

552F92

AFC192

4C2092

B8D092

431292

C1DE92

3A0392

CAED92

380092

D3FB92

# Harmonies

## Analogous

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



707D97



827892



907488

# Triad

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



827892



907864



5B847F

# Complementary

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



827892



889278

# 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.



668371



827892



847C62

# Square

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



827892



97746D



758066



58838B

# Rectangle

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



827892



96737F



758066



5E847A



# Sweetspot

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



827892



B7B3BD



788892



5B595E



DEDEDE



5E5E5E



# Same Dimension

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



827892



A495BD



8F7892



45434A



35008A



04000A



# Inverse Universe

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



927888



BD95AD



7B9278



4A4347



8A0055



0A0006



# Previews

## White Background



This preview shows how the Hex color 827892 looks on a white background.

## Color Contrast Check

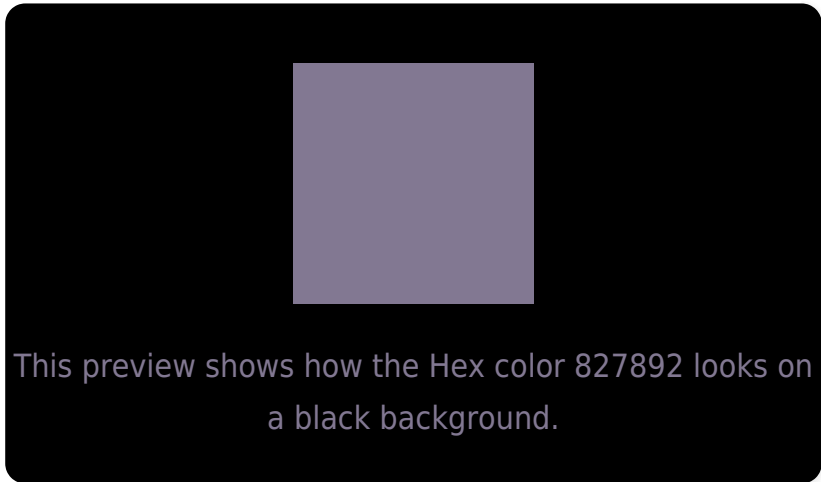
Large Text (above 18pt) WCAG AA ✓ Pass

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

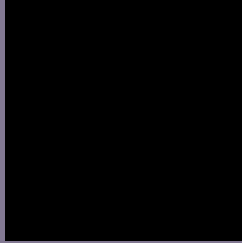
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 827892 Background



This preview shows how black text looks on a background with the Hex color 827892.



This preview shows how white text looks on a background with the Hex color 827892.

# 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**  
827892

**Protanopia**  
777B94

**Deuteranopia**  
7E7992



**Tritanopia**  
807A84

# Trichromacy



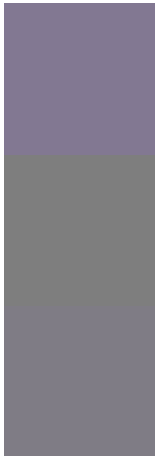
**Original Color**  
827892

**Protanomaly**  
7B7A93

**Deuteranomaly**  
7F7992

**Tritanomaly**  
817989

# Monochromacy



**Original Color**  
827892

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7F7C85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 827892 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 #827892 looks like.

```
.text, #text, p{  
    color:#827892  
}
```

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 #827892 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827892
}
```

## Border

The CSS property to change the border of an element to Hex 827892 is called "border". The border property can be set on classes, ids or directly on the HTML element.

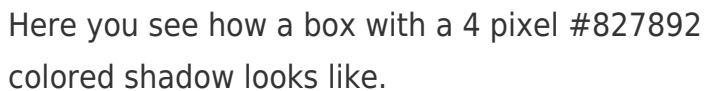
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#827892 }
```

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

```
.border{ border-color:#827892 }
```

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



Here you see how a box with a 4 pixel #827892 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827892; -webkit-box-shadow:4px 4px  
4px 4px #827892; box-shadow:4px 4px 4px  
4px #827892 }
```

# Background

The CSS property to change the background color of an element to Hex 827892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827892 }
```

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

```
.background{ background-color:#827892 }
```

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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