

# Converting Colors

Hex(827EA4)

Have a look what the booklet for  
Hex(827EA4) contains.

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# Color

Hex(827EA4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	827EA4
RGB	130, 126, 164
RGB Percent	51%, 49%, 64%
CMY	0.4902, 0.5059, 0.3569
CMYK	0.21, 0.23, 0.00, 0.36
HSL	246°, 17%, 57%
HSV	246°, 23%, 64%
XYZ	23.3676, 22.3479, 38.2039
YIQ	131.5280, -9.8140, 12.6660

# Conversions

## Conversions Part 2

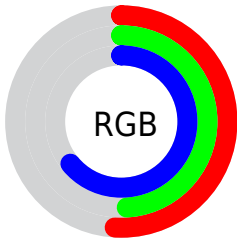
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 126, 164
Decimal	8552100
CIE Lab	54.39, 9.81, -19.69
CIE LCh	54, 22.000, 296.470
Yxy	22.3479, 0.2785, 0.2663
Android (android.graphics.Color)	4286742180 (0xFF827EA4)
YUV	131.5280, 16.0087, -1.3401
Hunter-Lab	47.2735, 5.5050, -14.8235

# Details

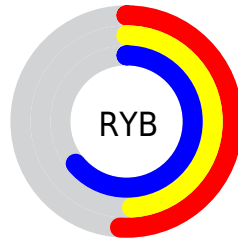
The Hex color **827EA4** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A0A47E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B7B3DB**, and **504D70** is the 20% darker color. If you saturate the color by 10%, you get **736EA4**, and if you desaturate by 10%, it is **918EA4**.

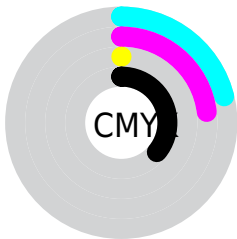
# Distribution



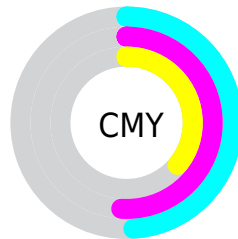
- Red (51%)
- Green (49%)
- Blue (64%)



- Red (51%)
- Yellow (49%)
- Blue (64%)



- Cyan (21%)
- Magenta (23%)
- Yellow (0%)
- Black (36%)



- Cyan (49%)
- Magenta (51%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 827EA4 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 827EA4 by changing the saturation by 10% instead.



■ 827EA4

■ 827EA4

FFFFFF

■ 69658A

■ B7B3DB

■ 504D70

■ D3CEF8

■ 383658

■ F0EAFF

■ 222140

■ 0D0B2A

■ 000115

■ 000000

■ 827EA4

■ 827EA4

■ 736EA4

■ 918EA4

655DA4

9F9FA4

564DA4

AEFAA4

473CA4

BDC0A4

392CA4

CBD0A4

2A1CA4

DAE0A4

1B0BA4

E9F1A4

1100A4

F7FFA4

FFFA4

# Harmonies

## Analogous

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



6785A8



827EA4



987897

# Triad

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



827EA4



A17A63



548D7F

# Complementary

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



827EA4



A0A47E

# 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.



688A6D



827EA4



92805C

# Square

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



827EA4



A87572



7E8660



498C92

# Rectangle

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



827EA4



A2758C



7E8660



5A8C79



# Sweetspot

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



827EA4



C9C7D6



7EA0A4



63636B



EBEBEB



6B6B6B



# Same Dimension

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



827EA4



A19AD6



957EA4



4A4952



0F0091



020012



# Inverse Universe

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



A47EA0



D69AD0



8DA47E



524951



910082



120010



# Previews

## White Background



This preview shows how the Hex color 827EA4 looks on a white background.

## Color Contrast Check

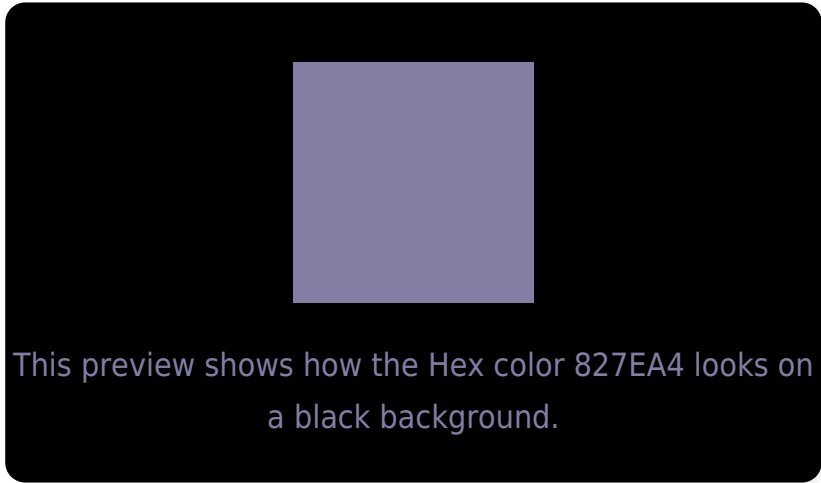
Large Text (above 18pt) WCAG AA ✓ Pass

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

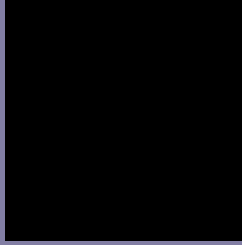
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 827EA4 Background



This preview shows how black text looks on a background with the Hex color 827EA4.



This preview shows how white text looks on a background with the Hex color 827EA4.

# 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](#).

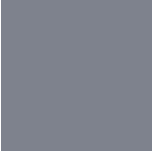
## Dichromacy



**Original Color**  
827EA4

**Protanopia**  
7981A6

**Deuteranopia**  
7D80A4



**Tritanopia**  
7E828D

# Trichromacy



**Original Color**  
827EA4

**Protanomaly**  
7C80A5

**Deuteranomaly**  
7F7FA4

**Tritanomaly**  
7F8195

# Monochromacy



**Original Color**  
827EA4

**Achromatopsia**  
848484

**Achromatomaly**  
838290

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 827EA4 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 #827EA4 looks like.

```
.text, #text, p{  
    color:#827EA4  
}
```

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 #827EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827EA4
}
```

## Border

The CSS property to change the border of an element to Hex 827EA4 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
#827EA4 }
```

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

```
.border{ border-color:#827EA4 }
```

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

Here you see how a box with a 4 pixel #827EA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827EA4; -webkit-box-shadow:4px 4px  
4px 4px #827EA4; box-shadow:4px 4px 4px  
4px #827EA4 }
```

# Background

The CSS property to change the background color of an element to Hex 827EA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827EA4 }
```

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

```
.background{ background-color:#827EA4 }
```

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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