

# Converting Colors

Hex(827591)

Have a look what the booklet for  
Hex(827591) contains.

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# Color

**Hex(827591)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	827591
RGB	130, 117, 145
RGB Percent	51%, 46%, 57%
CMY	0.4902, 0.5412, 0.4314
CMYK	0.10, 0.19, 0.00, 0.43
HSL	268°, 11%, 51%
HSV	268°, 19%, 57%
XYZ	20.6780, 19.5127, 29.4645
YIQ	124.0790, -1.2400, 11.4640

# Conversions

## Conversions Part 2

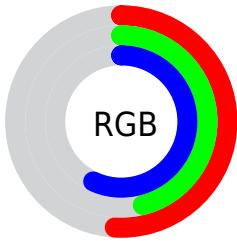
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 117, 145
Decimal	8549777
CIE <sub>Lab</sub>	51.28, 10.71, -13.36
CIE <sub>LCh</sub>	51, 17.123, 308.720
Yxy	19.5127, 0.2969, 0.2801
Android (android.graphics.Color)	4286739857 (0xFF827591)
YUV	124.0790, 10.3141, 5.1927
Hunter-Lab	44.1732, 6.2550, -8.6265

# Details

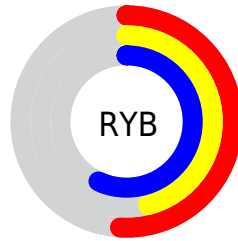
The Hex color **827591** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **849175**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B7A9C7**, and **50455F** is the 20% darker color. If you saturate the color by 10%, you get **7A6691**, and if you desaturate by 10%, it is **8A8491**.

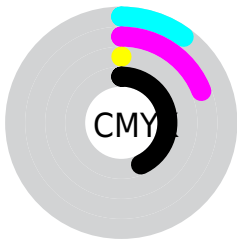
# Distribution



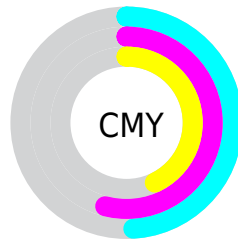
- Red (51%)
- Green (46%)
- Blue (57%)



- Red (51%)
- Yellow (46%)
- Blue (57%)



- Cyan (10%)
- Magenta (19%)
- Yellow (0%)
- Black (43%)



- Cyan (49%)
- Magenta (54%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 827591 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 827591 by changing the saturation by 10% instead.



827591

827591

FFFFFF

695C77

B7A9C7

50455F

D3C4E3

392E47

EFE0FF

231A30

FFFDFF

10001C

000000

827591

827591

7A6691

8A8491

725891

929291

6B4A91

99A191

633B91

A1AF91

5B2D91

A9BE91

531E91

B1CC91

4C0F91

B8DB91

440191

C0E991

430091

C8F891

# Harmonies

## Analogous

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



6F7A97



827591



917185

# Triad

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



827591



8E765F



54837E

# Complementary

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



827591



849175

# 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.



60826F



827591



817B5D

# Square

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



827591



977269



707F63



52828C

# Rectangle

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



827591



96707B



707F63



578279



# Sweetspot

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



827591



B7B1BD



758491



5B585E



DEDEDE



5E5E5E



# Same Dimension

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



827591



A591BD



907591



444047



3F0087



040008



# Inverse Universe

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



917584



BD91A9



769175



474044



870048



080004



# Previews

## White Background



This preview shows how the Hex color 827591 looks on a white background.

## Color Contrast Check

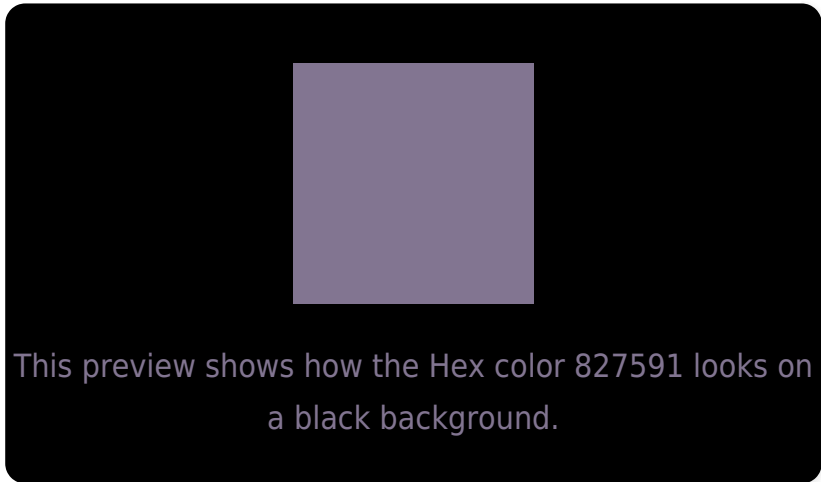
Large Text (above 18pt) WCAG AA ✓ Pass

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

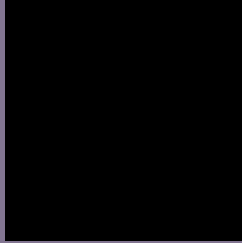
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 827591 Background



This preview shows how black text looks on a background with the Hex color 827591.



This preview shows how white text looks on a background with the Hex color 827591.

# 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**  
827591

**Protanopia**  
747994

**Deuteranopia**  
7B7791



**Tritanopia**  
7F7881

# Trichromacy



**Original Color**  
827591

**Protanomaly**  
797893

**Deuteranomaly**  
7E7691

**Tritanomaly**  
807787

# Monochromacy



**Original Color**  
827591

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7E7984

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 827591 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 #827591 looks like.

```
.text, #text, p{  
    color:#827591  
}
```

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 #827591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827591
}
```

## Border

The CSS property to change the border of an element to Hex 827591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

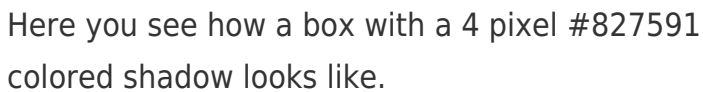
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#827591 }
```

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

```
.border{ border-color:#827591 }
```

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



Here you see how a box with a 4 pixel #827591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827591; -webkit-box-shadow:4px 4px  
4px 4px #827591; box-shadow:4px 4px 4px  
4px #827591 }
```

# Background

The CSS property to change the background color of an element to Hex 827591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827591 }
```

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

```
.background{ background-color:#827591 }
```

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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