

# Converting Colors

Hex(827103)

Have a look what the booklet for  
Hex(827103) contains.

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**Color**

**Hex(827103)**

# Conversions

## Conversions Part 1

Format	Color
Hex	827103
RGB	130, 113, 3
RGB Percent	51%, 44%, 1%
CMY	0.4902, 0.5569, 0.9882
CMYK	0.00, 0.13, 0.98, 0.49
HSL	52°, 95%, 26%
HSV	52°, 98%, 51%
XYZ	15.1275, 16.5627, 2.4858
YIQ	105.5430, 45.4420, -30.6060

# Conversions

## Conversions Part 2

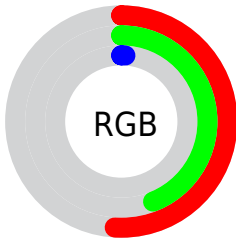
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 130, 3
Decimal	8548611
CIE Lab	47.70, -3.62, 53.10
CIE LCh	48, 53.222, 93.903
Yxy	16.5627, 0.4426, 0.4846
Android (android.graphics.Color)	4286738691 (0xFF827103)
YUV	105.5430, -50.5537, 21.4488
Hunter-Lab	40.6972, -4.8703, 24.8667

# Details

The Hex color **827103** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **031482**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **BAA440**, and **4C4200** is the 20% darker color. If you saturate the color by 10%, you get **827100**, and if you desaturate by 10%, it is **827310**.

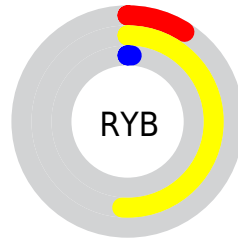
# Distribution



Red (51%)

Green (44%)

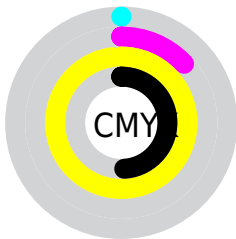
Blue (1%)



Red (9%)

Yellow (51%)

Blue (1%)

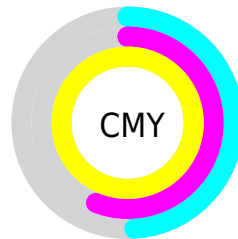


Cyan (0%)

Magenta (13%)

Yellow (98%)

Black (49%)



Cyan (49%)

Magenta (56%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 827103 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 827103 by changing the saturation by 10% instead.



 827103

 827103

FFFFFF

 675900

 BAA440

 4C4200

 D8BF5A

 322C00

 F5DB75

 1A1800

 FFF890

 000000

 FFFFAB

 FFFFC7

 FFFF E4

 827103

 827103

■ 827100

■ 827310

■ 82741D

■ 82762A

■ 827837

■ 827A44

■ 827B51

■ 827D5E

■ 827F6B

■ 828178

# Harmonies

## Analogous

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



A6601C



827103



547D1E

# Triad

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



827103



0085A2



AC4F99

# Complementary

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



827103



031482

# 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.



7963BC



827103



0080C2

# Square

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



827103



008676



0075CB



C1446D

# Rectangle

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



827103



258239



0075CB



9E55A7



# Sweetspot

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



827103



A8A277



820316



545037



D4D4D4



545454



# Same Dimension

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



827103



A89200



568203



403F39



806E00



000000



# Inverse Universe

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



031482



0017A8



2F0382



393A40



001180

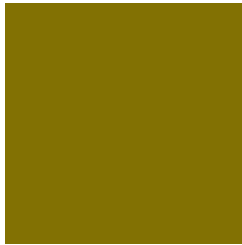


000000



# Previews

## White Background



This preview shows how the Hex color 827103 looks on a white background.

## Color Contrast Check

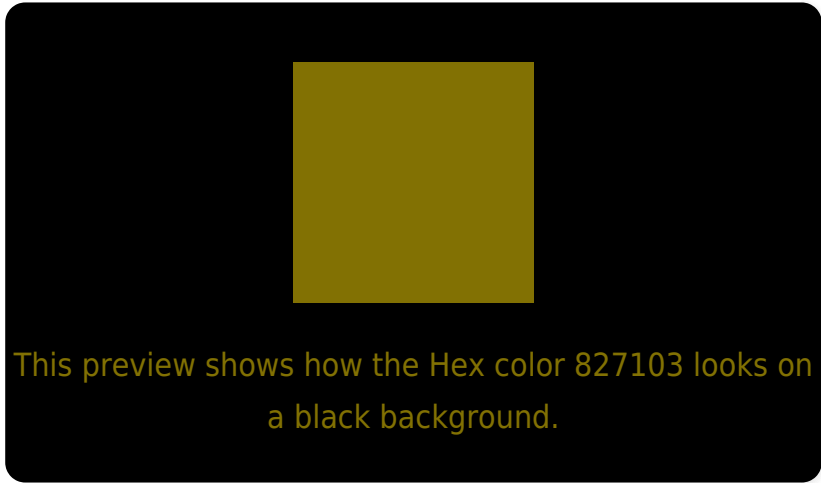
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 827103 Background



This preview shows how black text looks on a background with the Hex color 827103.



This preview shows how white text looks on a background with the Hex color 827103.

# 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**


827103

**Protanopia**

807204

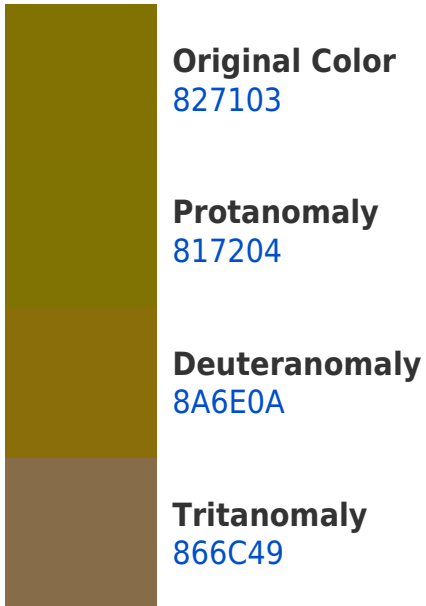
**Deuteranopia**

8F6C0E

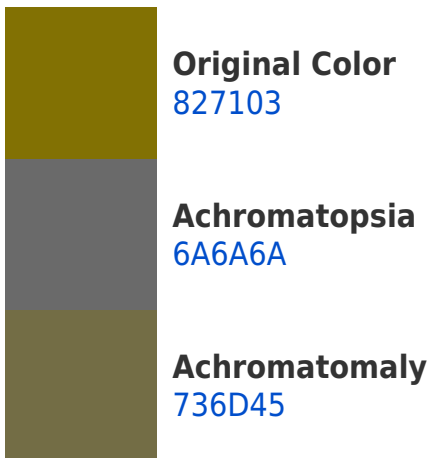


**Tritanopia**  
886971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 827103 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 #827103 looks like.

```
.text, #text, p{  
    color:#827103  
}
```

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 #827103 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827103
}
```

## Border

The CSS property to change the border of an element to Hex 827103 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
#827103 }
```

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

```
.border{ border-color:#827103 }
```

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

Here you see how a box with a 4 pixel #827103 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827103; -webkit-box-shadow:4px 4px  
4px 4px #827103; box-shadow:4px 4px 4px  
4px #827103 }
```

# Background

The CSS property to change the background color of an element to Hex 827103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827103 }
```

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

```
.background{ background-color:#827103 }
```

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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