

# Converting Colors

Hex(826439)

Have a look what the booklet for  
Hex(826439) contains.

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**Color**

**Hex(826439)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	826439
RGB	130, 100, 57
RGB Percent	51%, 39%, 22%
CMY	0.4902, 0.6078, 0.7765
CMYK	0.00, 0.23, 0.56, 0.49
HSL	35°, 39%, 37%
HSV	35°, 56%, 51%
XYZ	14.5016, 14.1556, 5.8389
YIQ	104.0680, 31.6830, -7.0130

# Conversions

## Conversions Part 2

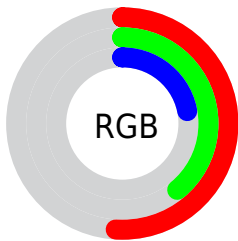
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 130, 57
Decimal	8545337
CIE Lab	44.46, 6.59, 28.81
CIE LCh	44, 29.558, 77.113
Yxy	14.1556, 0.4204, 0.4104
Android (android.graphics.Color)	4286735417 (0xFF826439)
YUV	104.0680, -23.2045, 22.7424
Hunter-Lab	37.6239, 2.9585, 17.1355

# Details

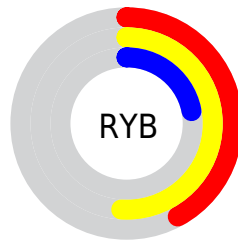
The Hex color **826439** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **395782**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **B99769**, and **4E360C** is the 20% darker color. If you saturate the color by 10%, you get **825F2C**, and if you desaturate by 10%, it is **826946**.

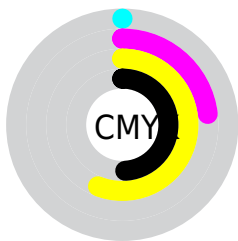
# Distribution



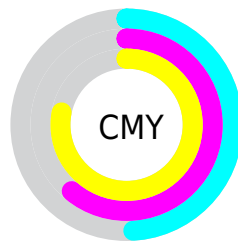
- Red (51%)
- Green (39%)
- Blue (22%)



- Red (42%)
- Yellow (51%)
- Blue (22%)



- Cyan (0%)
- Magenta (23%)
- Yellow (56%)
- Black (49%)



- Cyan (49%)
- Magenta (61%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 826439 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 826439 by changing the saturation by 10% instead.





826439



826439

FFFFFF



684C22



B99769



4E360C



D5B183



362000



F2CD9D



1E0A00



FFE9B8



000000



FFFFD4



FFFFF0



826439



826439



825F2C



826946

■ 82591F

■ 826F53

■ 825412

■ 827460

■ 824F05

■ 82796D

■ 824D00

■ 827F7A

■ 828487

■ 828994

■ 828FA1

■ 8294AE

# Harmonies

## Analogous

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



925B46



826439



6B6C39

# Triad

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



826439



007677



7D5E8B

# Complementary

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



826439



395782

# 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.



5B6798



826439



00748C

# Square

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



826439



2D755D



2D6F99



925775

# Rectangle

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



826439



597041



2D6F99



736190



# Sweetspot

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



826439



A89D8C



823957



544D43



D4D4D4



545454



# Same Dimension

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



826439



A87A38



7C8239



403D39



804B00



000000



# Inverse Universe

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



395782



3866A8



3F3982



393C40



003480



000000



# Previews

## White Background



This preview shows how the Hex color 826439 looks on a white background.

## Color Contrast Check

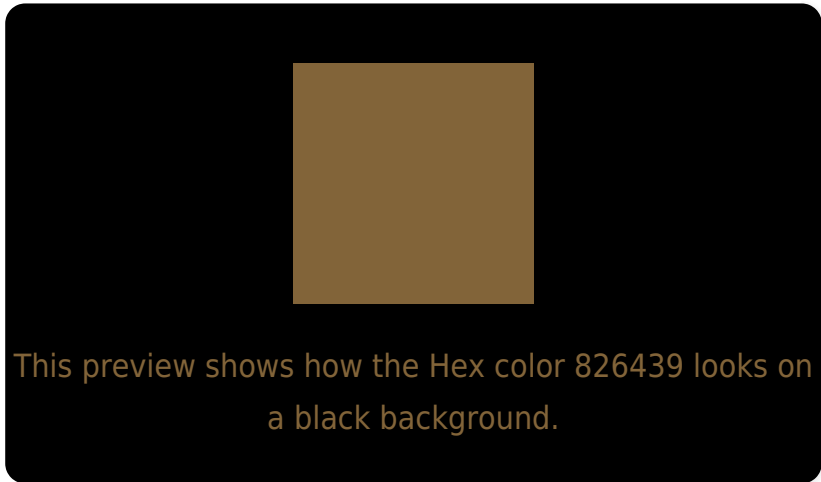
Large Text (above 18pt) WCAG AA ✓ Pass

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

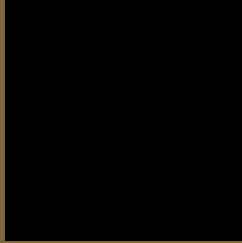
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 826439 Background



This preview shows how black text looks on a background with the Hex color 826439.



This preview shows how white text looks on a background with the Hex color 826439.

# 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**

826439

**Protanopia**

74693B

**Deuteranopia**

816439



**Tritanopia**  
865F66

# Trichromacy



**Original Color**  
826439

**Protanomaly**  
79673A

**Deuteranomaly**  
816439

**Tritanomaly**  
856156

# Monochromacy



**Original Color**  
826439

**Achromatopsia**  
686868

**Achromatomaly**  
716757

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 826439 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 #826439 looks like.

```
.text, #text, p{  
    color:#826439  
}
```

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 #826439 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826439
}
```

## Border

The CSS property to change the border of an element to Hex 826439 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
#826439 }
```

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

```
.border{ border-color:#826439 }
```

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

Here you see how a box with a 4 pixel #826439 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826439; -webkit-box-shadow:4px 4px  
4px 4px #826439; box-shadow:4px 4px 4px  
4px #826439 }
```

# Background

The CSS property to change the background color of an element to Hex 826439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826439 }
```

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

```
.background{ background-color:#826439 }
```

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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