

# Converting Colors

Hex(814659)

Have a look what the booklet for  
Hex(814659) contains.

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# Color

**Hex(814659)**

# Conversions

## Conversions Part 1

Format	Color
Hex	814659
RGB	129, 70, 89
RGB Percent	51%, 27%, 35%
CMY	0.4941, 0.7255, 0.6510
CMYK	0.00, 0.46, 0.31, 0.49
HSL	341°, 30%, 39%
HSV	341°, 46%, 51%
XYZ	13.0466, 9.7687, 10.6491
YIQ	89.8070, 29.0650, 18.4170

# Conversions

## Conversions Part 2

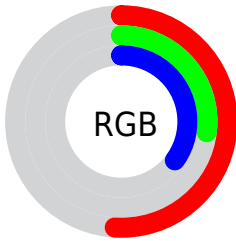
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 70, 89
Decimal	8472153
CIE <sub>Lab</sub>	37.42, 27.65, -0.04
CIE <sub>LCh</sub>	37, 27.646, 359.924
Yxy	9.7687, 0.3899, 0.2919
Android (android.graphics.Color)	4286662233 (0xFF814659)
<b>YUV</b>	89.8070, -0.3979, 34.3723
Hunter-Lab	31.2549, 19.8142, 1.6773

# Details

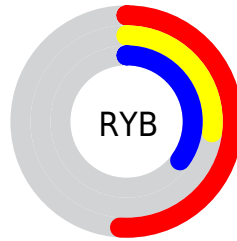
The Hex color **814659** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **46816E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B8788B**, and **4D172C** is the 20% darker color. If you saturate the color by 10%, you get **813950**, and if you desaturate by 10%, it is **815362**.

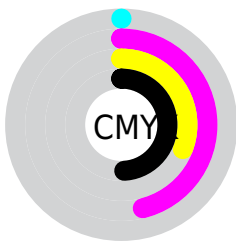
# Distribution



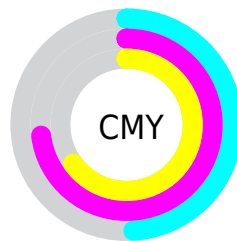
- Red (51%)
- Green (27%)
- Blue (35%)



- Red (51%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (46%)
- Yellow (31%)
- Black (49%)



- Cyan (49%)
- Magenta (73%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 814659 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 814659 by changing the saturation by 10% instead.





814659



814659

FFFFFF



672E42



B8788B



4D172C



D492A5



350017



F1ADC0



1E0001



FFC8DC



000000



FFE5F9



814659



814659



813950



815362




812C48



81606A

 811F3F

 816D73

 811236

 817A7C

 81062D

 818785

 81002A

 81938D

 81A096

 81AD9F

 81BAA8

# Harmonies

## Analogous

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



744A6F



814659



824843

# Triad

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



814659



4F5D30



00607E

# Complementary

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



814659



46816E

# 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.



00636E



814659



346241

# Square

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



814659



66572B



066457



345A84

# Rectangle

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



814659



7C4C37



066457



00617A



# Sweetspot

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



814659



A89198



6D4681



54464A



D4D4D4



545454



# Same Dimension

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



814659



A84C6A



815046



40393B



800029



000000



# Inverse Universe

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



814659



A84C6A



467781



40393B



800029

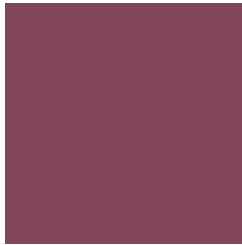


000000



# Previews

## White Background



This preview shows how the Hex color 814659 looks on a white background.

## Color Contrast Check

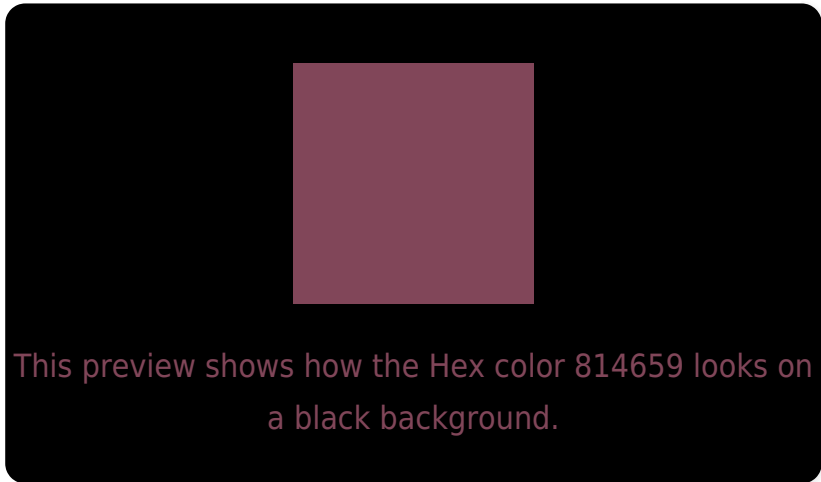
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

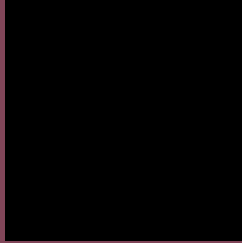
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 814659 Background



This preview shows how black text looks on a background with the Hex color 814659.



This preview shows how white text looks on a background with the Hex color 814659.

# 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**  
814659

**Protanopia**  
575864

**Deuteranopia**  
625656



**Tritanopia**  
80484D

# Trichromacy



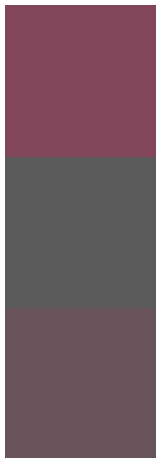
**Original Color**  
814659

**Protanomaly**  
665160

**Deuteranomaly**  
6D5057

**Tritanomaly**  
804751

# Monochromacy



**Original Color**  
814659

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
68535A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 814659 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 #814659 looks like.

```
.text, #text, p{  
  color:#814659  
}
```

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 #814659 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #814659
}
```

## Border

The CSS property to change the border of an element to Hex 814659 is called "border". The border property can be set on classes, ids or directly on the HTML element.

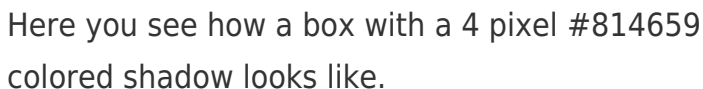
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#814659 }
```

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

```
.border{ border-color:#814659 }
```

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



Here you see how a box with a 4 pixel #814659 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #814659; -webkit-box-shadow:4px 4px  
4px 4px #814659; box-shadow:4px 4px 4px  
4px #814659 }
```

# Background

The CSS property to change the background color of an element to Hex 814659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#814659 }
```

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

```
.background{ background-color:#814659 }
```

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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