

# Converting Colors

Hex(851429)

Have a look what the booklet for  
Hex(851429) contains.

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# Color

**Hex(851429)**

# Conversions

## Conversions Part 1

Format	Color
Hex	851429
RGB	133, 20, 41
RGB Percent	52%, 8%, 16%
CMY	0.4784, 0.9216, 0.8392
CMYK	0.00, 0.85, 0.69, 0.48
HSL	349°, 74%, 30%
HSV	349°, 85%, 52%
XYZ	10.3233, 5.6470, 2.6437
YIQ	56.1810, 60.6070, 30.4870

# Conversions

## Conversions Part 2

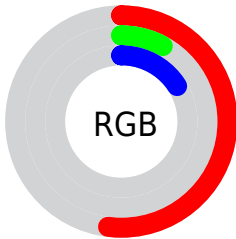
Format	Color
<b>RYB</b>	133, 20, 41
Decimal	8721449
CIELab	28.50, 46.73, 18.82
CIElCh	29, 50.379, 21.932
Yxy	5.6470, 0.5546, 0.3034
Android (android.graphics.Color)	4286911529 (0xFF851429)
YUV	56.1810, -7.4842, 67.3703
Hunter-Lab	23.7633, 35.9582, 10.0382

# Details

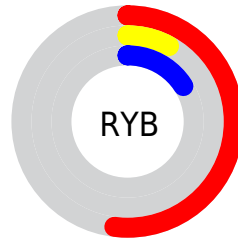
The Hex color **851429** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **148570**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **C04D56**, and **4C0000** is the 20% darker color. If you saturate the color by 10%, you get **85071E**, and if you desaturate by 10%, it is **852134**.

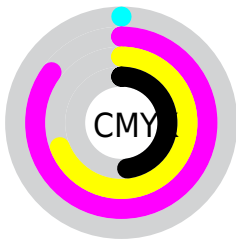
# Distribution



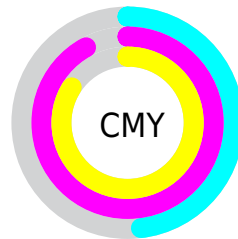
- Red (52%)
- Green (8%)
- Blue (16%)



- Red (52%)
- Yellow (8%)
- Blue (16%)



- Cyan (0%)
- Magenta (85%)
- Yellow (69%)
- Black (48%)



- Cyan (48%)
- Magenta (92%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 851429 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 851429 by changing the saturation by 10% instead.



 851429

 851429

FFFFFF

 680015

 C04D56

 4C0000

 DE686E

 320002

 FC8388

 000000

 FF9EA2

 FFBABD

 FFD6D8

 FFF3F5

 851429

 851429

■ 85071E

■ 852134

■ 850019

■ 852F3F

■ 853C49

■ 854954

■ 85575F

■ 85646A

■ 857175

■ 857E80

■ 858C8A

# Harmonies

## Analogous

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



81104F



851429



762B01

# Triad

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



851429



00500C



004B91

# Complementary

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



851429



148570

# 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.



005280



851429



005337

# Square

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



851429



384A00



00545F



223E8C

# Rectangle

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



851429



663800



00545F



004E8E



# Sweetspot

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



851429



AD828A



6E1485



573D42



D6D6D6



575757



# Same Dimension

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



851429



AD0020



853614



423C3D



820018



030000



# Inverse Universe

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



851429



AD0020



146385



423C3D



820018

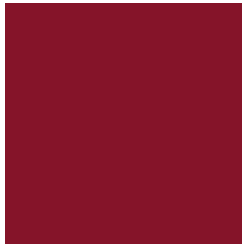


030000



# Previews

## White Background



This preview shows how the Hex color 851429 looks on a white background.

## Color Contrast Check

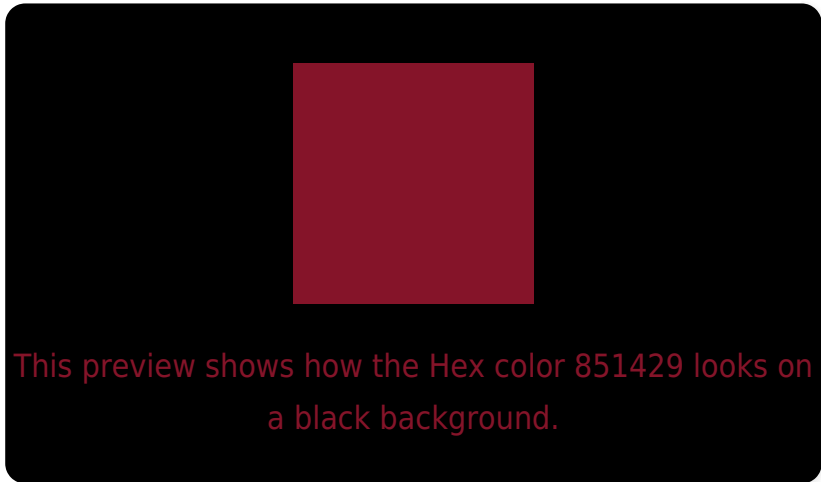
Large Text (above 18pt) WCAG AA ✓ Pass

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 851429 Background



This preview shows how black text looks on a background with the Hex color 851429.

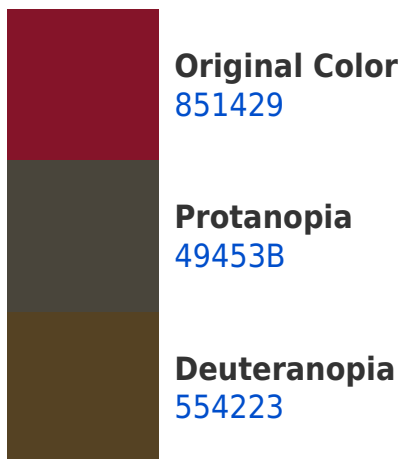



This preview shows how white text looks on a background with the Hex color 851429.

# 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





**Tritanopia**  
841818

# Trichromacy



**Original Color**

851429

**Protanomaly**

5F3334

**Deuteranomaly**

663125

**Tritanomaly**

84171E

# Monochromacy



**Original Color**

851429

**Achromatopsia**

383838

**Achromatomaly**

542B33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 851429 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 #851429 looks like.

```
.text, #text, p{  
    color:#851429  
}
```

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 #851429 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #851429
}
```

## Border

The CSS property to change the border of an element to Hex 851429 is called "border". The border property can be set on classes, ids or directly on the HTML element.

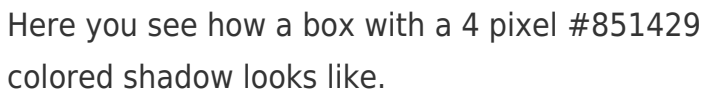
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#851429 }
```

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

```
.border{ border-color:#851429 }
```

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



Here you see how a box with a 4 pixel #851429 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #851429; -webkit-box-shadow:4px 4px  
4px 4px #851429; box-shadow:4px 4px 4px  
4px #851429 }
```

# Background

The CSS property to change the background color of an element to Hex 851429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#851429 }
```

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

```
.background{ background-color:#851429 }
```

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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