

# Converting Colors

Hex(851C36)

Have a look what the booklet for  
Hex(851C36) contains.

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# Color

**Hex(851C36)**

# Conversions

## Conversions Part 1

Format	Color
Hex	851C36
RGB	133, 28, 54
RGB Percent	52%, 11%, 21%
CMY	0.4784, 0.8902, 0.7882
CMYK	0.00, 0.79, 0.59, 0.48
HSL	345°, 65%, 32%
HSV	345°, 79%, 52%
XYZ	10.7540, 6.0834, 4.0974
YIQ	62.3590, 54.2340, 30.3460

# Conversions

## Conversions Part 2

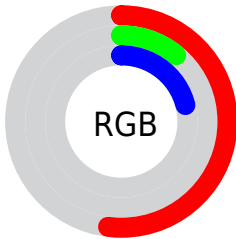
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 28, 54</a>
Decimal	<a href="#">8723510</a>
CIELab	<a href="#">29.62, 45.19, 11.64</a>
CIElCh	<a href="#">30, 46.660, 14.442</a>
Yxy	<a href="#">6.0834, 0.5137, 0.2906</a>
Android (android.graphics.Color)	<a href="#">4286913590 (0xFF851C36)</a>
YUV	<a href="#">62.3590, -4.1210, 61.9522</a>
Hunter-Lab	<a href="#">24.6645, 34.6648, 7.4155</a>

# Details

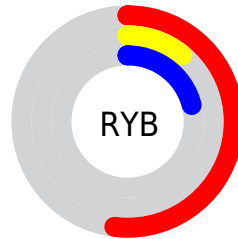
The Hex color **851C36** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1C856B**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **BF5364**, and **4D000A** is the 20% darker color. If you saturate the color by 10%, you get **850F2C**, and if you desaturate by 10%, it is **852940**.

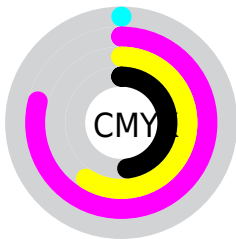
# Distribution



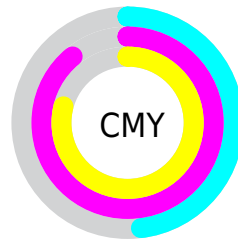
- Red (52%)
- Green (11%)
- Blue (21%)



- Red (52%)
- Yellow (11%)
- Blue (21%)



- Cyan (0%)
- Magenta (79%)
- Yellow (59%)
- Black (48%)



- Cyan (48%)
- Magenta (89%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 851C36 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 851C36 by changing the saturation by 10% instead.



 851C36

 851C36

FFFFFF

 690021

 BF5364

 4D000A

 DD6D7D

 350002

 FB8897

 010000

 FFA3B2

 000000

 FFBFCD

 FFD8E9

 FFF9FF

 851C36

 851C36

■ 850F2C

■ 852940

■ 850122

■ 85374A

■ 850021

■ 854454

■ 85515E

■ 855F68

■ 856C72

■ 85797C

■ 858686

■ 859490

# Harmonies

## Analogous

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



7C205A



851C36



7B2C13

# Triad

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



851C36



175109



004F8C

# Complementary

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



851C36



1C856B

# 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.



005578



851C36



005531

# Square

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



851C36



464A00



005657



01448D

# Rectangle

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



851C36



6D3800



005657



005287



# Sweetspot

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



851C36



AD848E



6B1C85



573E44



D6D6D6



575757



# Same Dimension

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



851C36



AD0931



85361C



423C3D



820020



030001



# Inverse Universe

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



851C36



AD0931



1C6B85



423C3D



820020

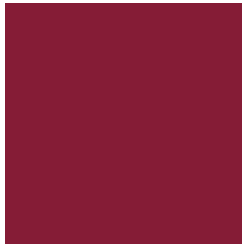


030001



# Previews

## White Background



This preview shows how the Hex color 851C36 looks on a white background.

## Color Contrast Check

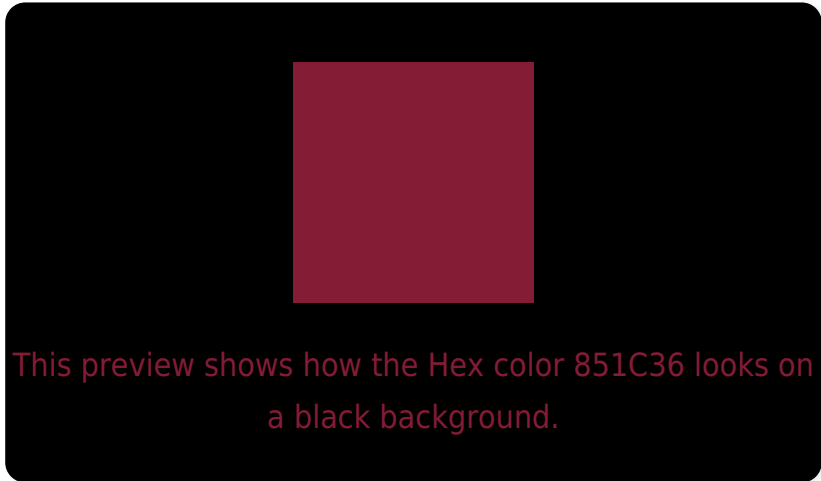
Large Text (above 18pt) WCAG AA ✓ Pass

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 851C36 Background



This preview shows how black text looks on a background with the Hex color 851C36.



This preview shows how white text looks on a background with the Hex color 851C36.

# 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**  
851C36

**Protanopia**  
48474A

**Deuteranopia**  
554431



# Trichromacy



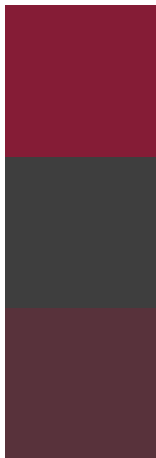
**Original Color**  
851C36

**Protanomaly**  
5E3743

**Deuteranomaly**  
663533

**Tritanomaly**  
841F29

# Monochromacy



**Original Color**  
851C36

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
58323B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 851C36 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 #851C36 looks like.

```
.text, #text, p{  
    color:#851C36  
}
```

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 #851C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #851C36
}
```

## Border

The CSS property to change the border of an element to Hex 851C36 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
#851C36 }
```

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

```
.border{ border-color:#851C36 }
```

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

Here you see how a box with a 4 pixel #851C36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #851C36; -webkit-box-shadow:4px 4px  
4px 4px #851C36; box-shadow:4px 4px 4px  
4px #851C36 }
```

# Background

The CSS property to change the background color of an element to Hex 851C36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#851C36 }
```

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

```
.background{ background-color:#851C36 }
```

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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