

Converting Colors

Hex(852B36)

Have a look what the booklet for
Hex(852B36) contains.

Hex(852B36)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(852B36)

Conversions

Conversions Part 1

Format	Color
Hex	852B36
RGB	133, 43, 54
RGB Percent	52%, 17%, 21%
CMY	0.4784, 0.8314, 0.7882
CMYK	0.00, 0.68, 0.59, 0.48
HSL	353°, 51%, 35%
HSV	353°, 68%, 52%
XYZ	11.2026, 6.9806, 4.2470
YIQ	71.1640, 50.1090, 22.5010

Conversions

Conversions Part 2

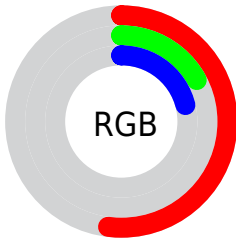
Format	Color
RYB	133, 43, 54
Decimal	8727350
CIELab	31.76, 39.27, 14.52
CIELCh	32, 41.874, 20.293
Yxy	6.9806, 0.4994, 0.3112
Android (android.graphics.Color)	4286917430 (0xFF852B36)
YUV	71.1640, -8.4619, 54.2302
Hunter-Lab	26.4209, 29.4483, 8.9642

Details

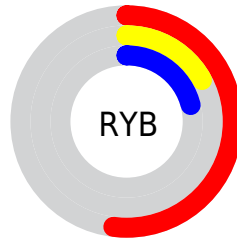
The Hex color **852B36** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2B857A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **BE5E65**, and **4E000A** is the 20% darker color. If you saturate the color by 10%, you get **851E2A**, and if you desaturate by 10%, it is **853842**.

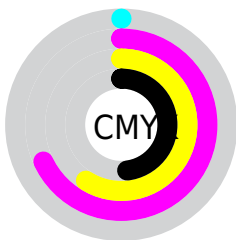
Distribution



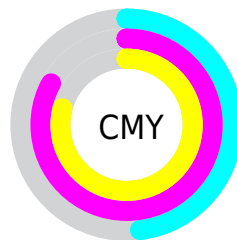
- Red (52%)
- Green (17%)
- Blue (21%)



- Red (52%)
- Yellow (17%)
- Blue (21%)



- Cyan (0%)
- Magenta (68%)
- Yellow (59%)
- Black (48%)



- Cyan (48%)
- Magenta (83%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 852B36 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 852B36 by changing the saturation by 10% instead.

 852B36

 852B36

FFFFFF

 690F21

 BE5E65

 4E000A

 DC787D

 350001

 FA9397

 0A0000

 FFAEB2

 000000

 FFCACD

 FFE7EA

 852B36

 852B36

 851E2A

 853842

■ 85101F

■ 85464D

■ 850313

■ 855359

■ 850010

■ 856065

■ 856E70

■ 857B7C

■ 858888

■ 859593

■ 85A39F

Harmonies

Analogous

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



802B57



852B36



7A3818

Triad

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



852B36



1A561E



00528C

Complementary

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



852B36



2B857A

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.



00587D



852B36



00593F

Square

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



852B36



455001



005A61



344789

Rectangle

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



852B36



6C4105



005A61



005489

Sweetspot

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



852B36



AD8B8F



792B85



574244



D6D6D6



575757

Same Dimension

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



852B36



AD2132



854C2B



423C3C



820010



030000

Inverse Universe

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



852B36



AD2132



2B6485



423C3C



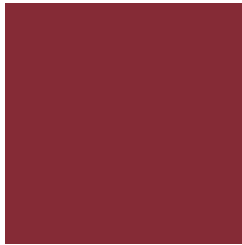
820010



030000

Previews

White Background



This preview shows how the Hex color 852B36 looks on a white background.

Color Contrast Check

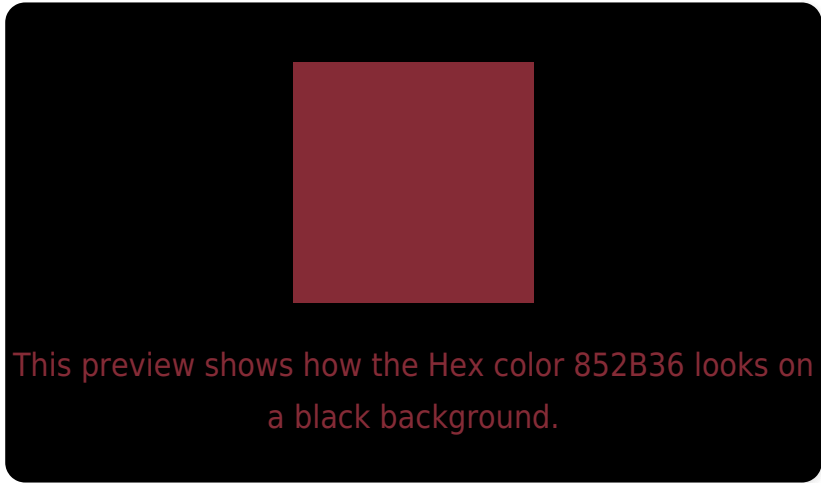
Large Text (above 18pt) WCAG AA ✓ Pass

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

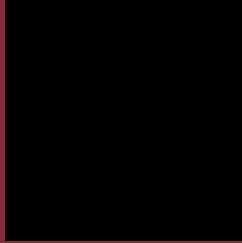
Any Text WCAG AA × Fail

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 852B36 Background



This preview shows how black text looks on a background with the Hex color 852B36.



This preview shows how white text looks on a background with the Hex color 852B36.

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
852B36

Protanopia
4F4C45

Deuteranopia
5B4832



Tritanopia
852C2F

Trichromacy



Original Color
852B36

Protanomaly
634040

Deuteranomaly
6A3D33

Tritanomaly
852C32

Monochromacy



Original Color
852B36

Achromatopsia
474747

Achromatomaly
5E3D41

CSS Examples

Text

The CSS property to change the color of the text to Hex 852B36 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 #852B36 looks like.

```
.text, #text, p{  
    color:#852B36  
}
```

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 #852B36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #852B36
}
```

Border

The CSS property to change the border of an element to Hex 852B36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

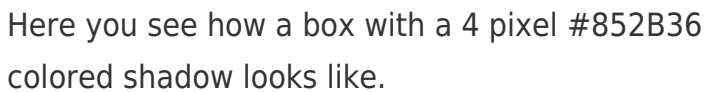
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#852B36 }
```

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

```
.border{ border-color:#852B36 }
```

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



Here you see how a box with a 4 pixel #852B36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #852B36; -webkit-box-shadow:4px 4px  
4px 4px #852B36; box-shadow:4px 4px 4px  
4px #852B36 }
```

Background

The CSS property to change the background color of an element to Hex 852B36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#852B36 }
```

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

```
.background{ background-color:#852B36 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor