

Converting Colors

Hex(862D52)

Have a look what the booklet for
Hex(862D52) contains.

| | |
|--|----|
| Hex(862D52) | 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(862D52)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 862D52 |
| RGB | 134, 45, 82 |
| RGB Percent | 53%, 18%, 32% |
| CMY | 0.4745, 0.8235, 0.6784 |
| CMYK | 0.00, 0.66, 0.39, 0.47 |
| HSL | 335°, 50%, 35% |
| HSV | 335°, 66%, 53% |
| XYZ | 12.2929, 7.5543, 8.7929 |
| YIQ | 75.8290, 41.1670, 30.3750 |

Conversions

Conversions Part 2

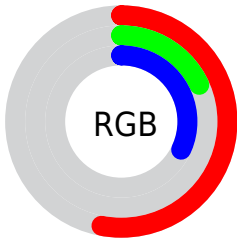
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 134, 45, 82 |
| Decimal | 8793426 |
| CIE _{Lab} | 33.04, 41.49, -1.90 |
| CIE _{LCh} | 33, 41.535, 357.376 |
| Yxy | 7.5543, 0.4292, 0.2638 |
| Android (android.graphics.Color) | 4286983506 (0xFF862D52) |
| YUV | 75.8290, 3.0423, 51.0160 |
| Hunter-Lab | 27.4851, 31.7364, 0.2719 |

Details

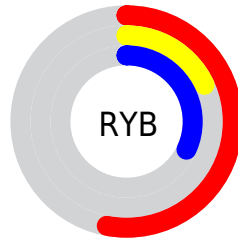
The Hex color **862D52** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2D8661**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **BE6083**, and **500026** is the 20% darker color. If you saturate the color by 10%, you get **86204A**, and if you desaturate by 10%, it is **863A5A**.

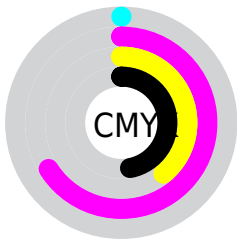
Distribution



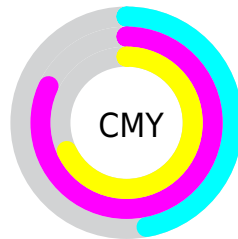
- Red (53%)
- Green (18%)
- Blue (32%)



- Red (53%)
- Yellow (18%)
- Blue (32%)



- Cyan (0%)
- Magenta (66%)
- Yellow (39%)
- Black (47%)



- Cyan (47%)
- Magenta (82%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 862D52 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 862D52 by changing the saturation by 10% instead.

 862D52

 862D52

FFFFFF

 6B103B

 BE6083

 500026

 DB7B9D

 370010

 F996B8

 180001

 FFB1D4

 000000

 FFCDF0

 FFEAFF

 862D52

 862D52

 86204A

 863A5A

■ 861242

■ 864862

■ 86053B

■ 865569

■ 860038

■ 866371

■ 867079

■ 867D81

■ 868B89

■ 869891

■ 86A698

Harmonies

Analogous

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



723772



862D52



873132

Triad

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



862D52



40550A



005A85

Complementary

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



862D52



2D8661

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.



005D6B



862D52



095A28

Square

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



862D52



604B01



005D4A



00528F

Rectangle

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



862D52



7F391E



005D4A



005B7D

Sweetspot

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



862D52



AD8B99



612D86



57424B



D6D6D6



575757

Same Dimension

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



862D52



AD235C



86342D



423C3E



820036



030001

Inverse Universe

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



862D52



AD235C



2D7F86



423C3E



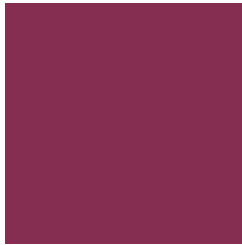
820036



030001

Previews

White Background



This preview shows how the Hex color 862D52 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 862D52 Background



This preview shows how black text looks on a background with the Hex color 862D52.

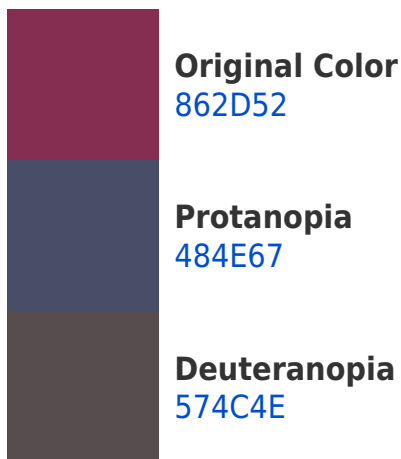



This preview shows how white text looks on a background with the Hex color 862D52.

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
843336

Trichromacy



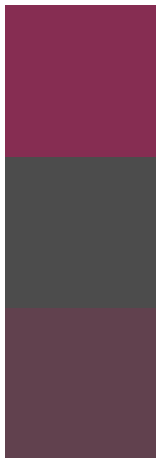
Original Color
862D52

Protanomaly
5F425F

Deuteranomaly
68414F

Tritanomaly
853140

Monochromacy



Original Color
862D52

Achromatopsia
4C4C4C

Achromatomaly
61414E

CSS Examples

Text

The CSS property to change the color of the text to Hex 862D52 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 #862D52 looks like.

```
.text, #text, p{  
    color:#862D52  
}
```

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 #862D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #862D52
}
```

Border

The CSS property to change the border of an element to Hex 862D52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

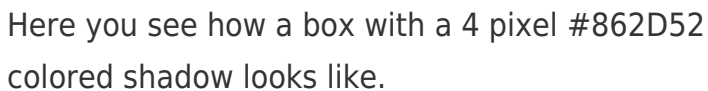
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#862D52 }
```

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

```
.border{ border-color:#862D52 }
```

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



Here you see how a box with a 4 pixel #862D52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #862D52; -webkit-box-shadow:4px 4px  
4px 4px #862D52; box-shadow:4px 4px 4px  
4px #862D52 }
```

Background

The CSS property to change the background color of an element to Hex 862D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#862D52 }
```

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

```
.background{ background-color:#862D52 }
```

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