

# Converting Colors

Hex(8B535A)

Have a look what the booklet for  
Hex(8B535A) contains.

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# Color

**Hex(8B535A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 8B535A                     |
| RGB           | 139, 83, 90                |
| RGB Percent   | 55%, 33%, 35%              |
| CMY           | 0.4549, 0.6745, 0.6471     |
| CMYK          | 0.00, 0.40, 0.35, 0.45     |
| HSL           | 352°, 25%, 44%             |
| HSV           | 352°, 40%, 55%             |
| XYZ           | 15.5862, 12.4137, 11.2475  |
| YIQ           | 100.5420, 31.1290, 14.0490 |

# Conversions

## Conversions Part 2

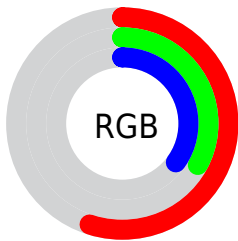
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 139, 83, 90                   |
| Decimal                             | 9130842                       |
| CIE Lab                             | 41.87, 24.25, 5.93            |
| CIE LCh                             | 42, 24.967, 13.735            |
| Yxy                                 | 12.4137, 0.3971,<br>0.3163    |
| Android<br>(android.graphics.Color) | 4287320922<br>(0xFF8B535A)    |
| YUV                                 | 100.5420, -5.1972,<br>33.7277 |
| Hunter-Lab                          | 35.2330, 17.3060,<br>5.7360   |

# Details

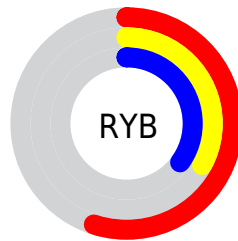
The Hex color **8B535A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **538B84**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **C2858C**, and **57242D** is the 20% darker color. If you saturate the color by 10%, you get **8B454E**, and if you desaturate by 10%, it is **8B6166**.

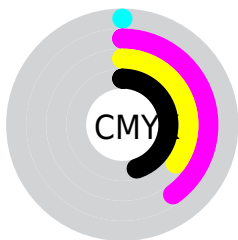
# Distribution



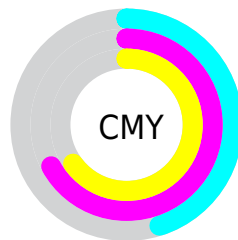
- Red (55%)
- Green (33%)
- Blue (35%)



- Red (55%)
- Yellow (33%)
- Blue (35%)



- Cyan (0%)
- Magenta (40%)
- Yellow (35%)
- Black (45%)



- Cyan (45%)
- Magenta (67%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B535A 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 8B535A by changing the saturation by 10% instead.



 8B535A

 8B535A

FFFFFF

 703B43

 C2858C

 57242D

 DFA0A6

 3E0E18

 FCBBC1

 290000

 FFD7DD

 000000

 FFF3FA

 8B535A

 8B535A

 8B454E

 8B6166

 8B3742

 8B6F72

 8B2936

 8B7D7E

 8B1B29

 8B8B8B

 8B0E1D

 8B9997

 8B0011

 8BA6A3

 8BB4AF

 8BC2BB

 8BD0C7

# Harmonies

## Analogous

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



84546F



8B535A



875747

# Triad

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



8B535A



506A44



32688A

# Complementary

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



8B535A



538B84

# 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.



116C7F



8B535A



366D57

# Square

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



8B535A



67653A



1A6E6C



55628B

# Rectangle

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



8B535A



7F5B3E



1A6E6C



266A87



# Sweetspot

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



8B535A



B59FA2



84538B



5C4F51



DBDBDB



5C5C5C



# Same Dimension

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



8B535A



B55E69



8B6853



453E3F



850011



050001



# Inverse Universe

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



8B535A



B55E69



53768B



453E3F



850011

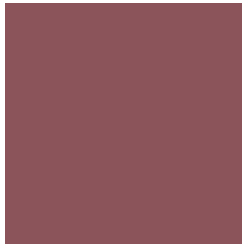


050001



# Previews

## White Background



This preview shows how the Hex color 8B535A looks on a white background.

## Color Contrast Check

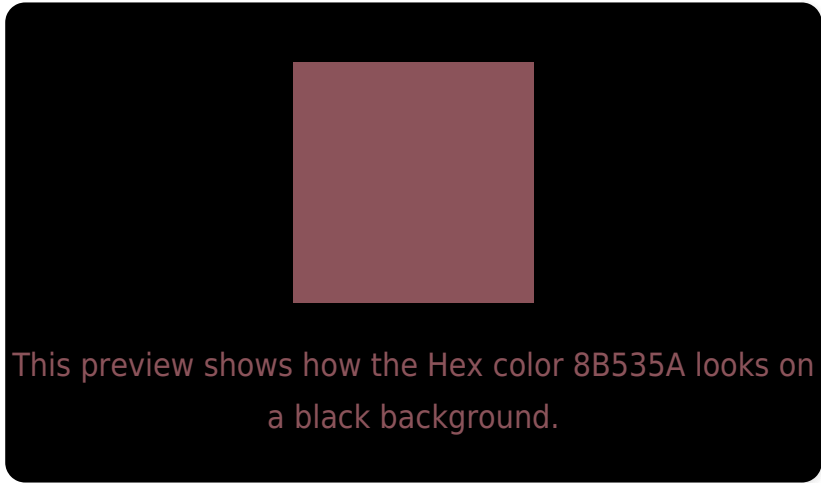
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 8B535A Background



This preview shows how black text looks on a background with the Hex color 8B535A.



This preview shows how white text looks on a background with the Hex color 8B535A.

# 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**  
8B535A

**Protanopia**  
656363

**Deuteranopia**  
716058



**Tritanopia**  
8B5359

# Trichromacy



**Original Color**  
8B535A

**Protanomaly**  
735D60

**Deuteranomaly**  
7A5B59

**Tritanomaly**  
8B5359

# Monochromacy



**Original Color**  
8B535A

**Achromatopsia**  
656565

**Achromatomaly**  
735E61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B535A 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 #8B535A looks like.

```
.text, #text, p{  
    color:#8B535A  
}
```

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 #8B535A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B535A
}
```

## Border

The CSS property to change the border of an element to Hex 8B535A is called "border". The border property can be set on classes, ids or directly on the HTML element.

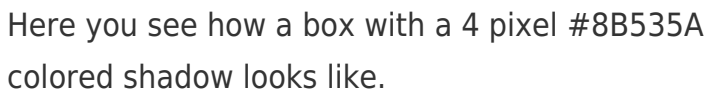
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B535A }
```

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

```
.border{ border-color:#8B535A }
```

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



Here you see how a box with a 4 pixel #8B535A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B535A; -webkit-box-shadow:4px 4px  
4px 4px #8B535A; box-shadow:4px 4px 4px  
4px #8B535A }
```

# Background

The CSS property to change the background color of an element to Hex 8B535A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B535A }
```

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

```
.background{ background-color:#8B535A }
```

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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