

Converting Colors

Hex(893256)

Have a look what the booklet for
Hex(893256) contains.

Hex(893256)	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(893256)

Conversions

Conversions Part 1

Format	Color
Hex	893256
RGB	137, 50, 86
RGB Percent	54%, 20%, 34%
CMY	0.4627, 0.8039, 0.6627
CMYK	0.00, 0.64, 0.37, 0.46
HSL	335°, 47%, 37%
HSV	335°, 64%, 54%
XYZ	13.1368, 8.2715, 9.7083
YIQ	80.1170, 40.2960, 29.6400

Conversions

Conversions Part 2

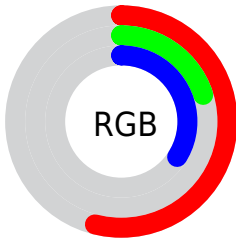
Format	Color
R_{YB}	137, 50, 86
Decimal	8991318
CIE Lab	34.54, 40.66, -2.21
CIE LCh	35, 40.723, 356.892
Yxy	8.2715, 0.4222, 0.2658
Android (android.graphics.Color)	4287181398 (0xFF893256)
YUV	80.1170, 2.9003, 49.8864
Hunter-Lab	28.7601, 31.2037, 0.1182

Details

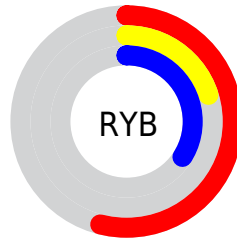
The Hex color **893256** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **328965**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **C16588**, and **530029** is the 20% darker color. If you saturate the color by 10%, you get **89244E**, and if you desaturate by 10%, it is **89405E**.

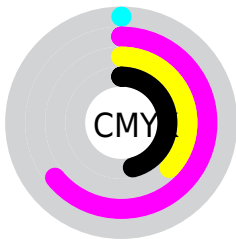
Distribution



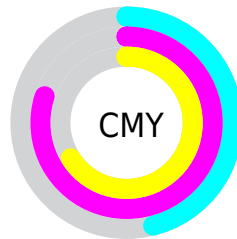
- Red (54%)
- Green (20%)
- Blue (34%)



- Red (54%)
- Yellow (20%)
- Blue (34%)



- Cyan (0%)
- Magenta (64%)
- Yellow (37%)
- Black (46%)



- Cyan (46%)
- Magenta (80%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 893256 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 893256 by changing the saturation by 10% instead.

 893256

 893256

FFFFFF

 6E173F

 C16588

 530029

 DE7FA2

 3A0015

 FC9ABD

 1F0001

 FFB6D9

 000000

 FFD2F5

 FFEFFF

 893256

 893256

 89244E

 89405E

891746

894D66

89093E

895B6E

890039

896976

89767E

898486

89928E

89A096

89AD9E

Harmonies

Analogous

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



753C75



893256



8A3536

Triad

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



893256



455810



005D87

Complementary

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



893256



328965

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.



00606E



893256



145E2C

Square

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



893256



644F07



00604D



005692

Rectangle

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



893256



833D23



00604D



005F80

Sweetspot

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



893256



B3919F



653289



59454D



D9D9D9



595959

Same Dimension

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



893256



B32B63



893932



453E41



850037



050002

Inverse Universe

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



893256



B32B63



328289



453E41



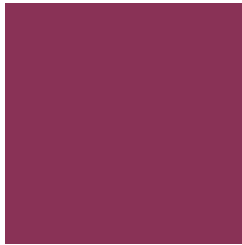
850037



050002

Previews

White Background



This preview shows how the Hex color 893256 looks on a white background.

Color Contrast Check

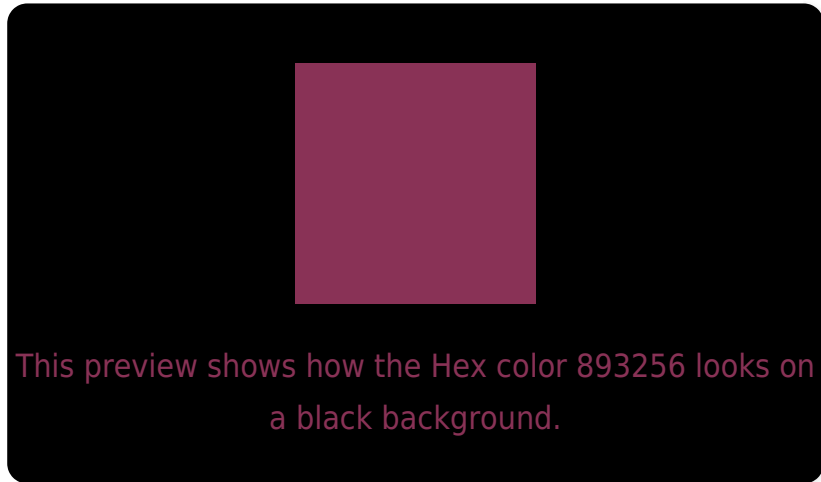
Large Text (above 18pt) WCAG AA ✓ Pass

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

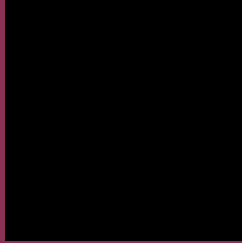
Any Text WCAG AA × Fail

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 893256 Background



This preview shows how black text looks on a background with the Hex color 893256.



This preview shows how white text looks on a background with the Hex color 893256.

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
893256

Protanopia
4C516A

Deuteranopia
5A4F52



Tritanopia
87383B

Trichromacy



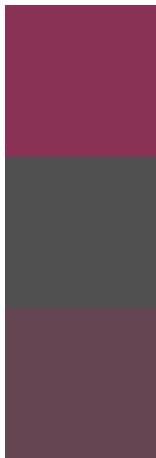
Original Color
893256

Protanomaly
624663

Deuteranomaly
6B4453

Tritanomaly
883645

Monochromacy



Original Color
893256

Achromatopsia
505050

Achromatomaly
654552

CSS Examples

Text

The CSS property to change the color of the text to Hex 893256 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 #893256 looks like.

```
.text, #text, p{  
    color:#893256  
}
```

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 #893256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #893256
}
```

Border

The CSS property to change the border of an element to Hex 893256 is called "border". The border property can be set on classes, ids or directly on the HTML element.

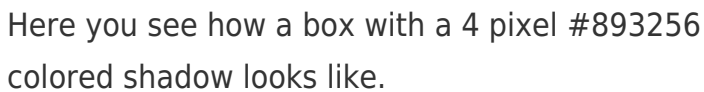
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#893256 }
```

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

```
.border{ border-color:#893256 }
```

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



Here you see how a box with a 4 pixel #893256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #893256; -webkit-box-shadow:4px 4px  
4px 4px #893256; box-shadow:4px 4px 4px  
4px #893256 }
```

Background

The CSS property to change the background color of an element to Hex 893256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#893256 }
```

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

```
.background{ background-color:#893256 }
```

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