

Converting Colors

Hex(89213A)

Have a look what the booklet for
Hex(89213A) contains.

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Color

Hex(89213A)

Conversions

Conversions Part 1

Format	Color
Hex	89213A
RGB	137, 33, 58
RGB Percent	54%, 13%, 23%
CMY	0.4627, 0.8706, 0.7725
CMYK	0.00, 0.76, 0.58, 0.46
HSL	346°, 61%, 33%
HSV	346°, 76%, 54%
XYZ	11.6241, 6.7116, 4.6858
YIQ	66.9460, 53.9590, 29.8230

Conversions

Conversions Part 2

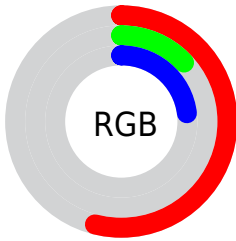
Format	Color
R_{YB}	137, 33, 58
Decimal	8986938
CIE Lab	31.14, 44.99, 11.19
CIE LCh	31, 46.362, 13.968
Yxy	6.7116, 0.5049, 0.2915
Android (android.graphics.Color)	4287177018 (0xFF89213A)
YUV	66.9460, -4.4104, 61.4374
Hunter-Lab	25.9067, 34.7547, 7.4108

Details

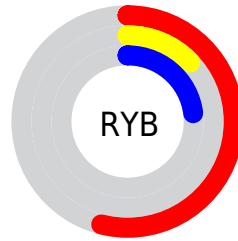
The Hex color **89213A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **218970**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **C35769**, and **510010** is the 20% darker color. If you saturate the color by 10%, you get **891330**, and if you desaturate by 10%, it is **892F44**.

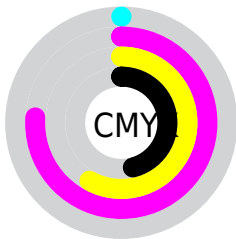
Distribution



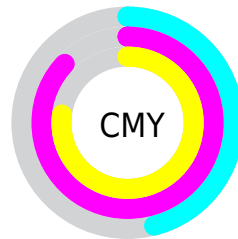
- Red (54%)
- Green (13%)
- Blue (23%)



- Red (54%)
- Yellow (13%)
- Blue (23%)



- Cyan (0%)
- Magenta (76%)
- Yellow (58%)
- Black (46%)



- Cyan (46%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89213A 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 89213A by changing the saturation by 10% instead.

 89213A


 89213A

FFFFFF

 6D0025

 C35769

 510010

 E17182

 380001

 FF8C9C

 100000

 FFA7B7

 000000

 FFC3D2

 FFE0EF

 FFFDFF

 89213A

 89213A

■ 891330

■ 892F44

■ 890625

■ 893C4F

■ 890021

■ 894A59

■ 895864

■ 89666E

■ 897378

■ 898183

■ 898F8D

■ 899C98

Harmonies

Analogous

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



80255E



89213A



803018

Triad

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



89213A



1D540E



00538F

Complementary

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



89213A



218970

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.



00587B



89213A



005834

Square

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



89213A



4A4D00



005A5A



0A4890

Rectangle

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



89213A



723B00



005A5A



00558B

Sweetspot

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



89213A



B38993



6F2189



594046



D9D9D9



595959

Same Dimension

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



89213A



B31037



893B21



453E40



850020



050001

Inverse Universe

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



89213A



B31037



216F89



453E40



850020



050001

Previews

White Background



This preview shows how the Hex color 89213A looks on a white background.

Color Contrast Check

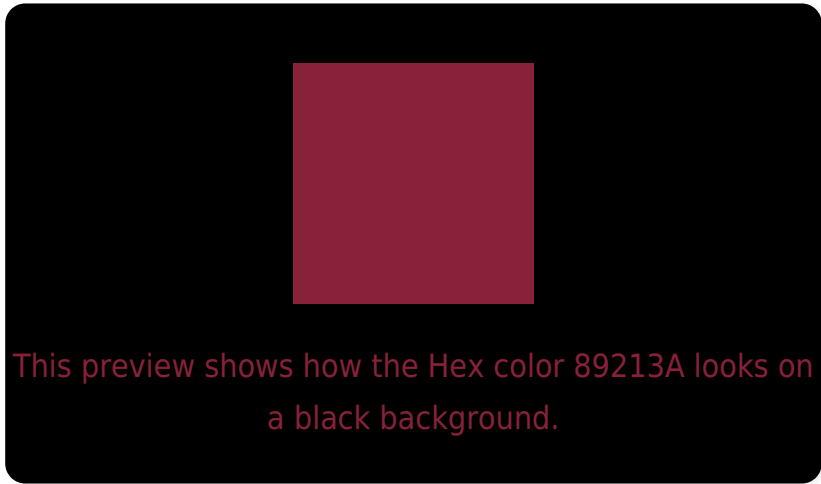
Large Text (above 18pt) WCAG AA ✓ Pass

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 89213A Background



This preview shows how black text looks on a background with the Hex color 89213A.

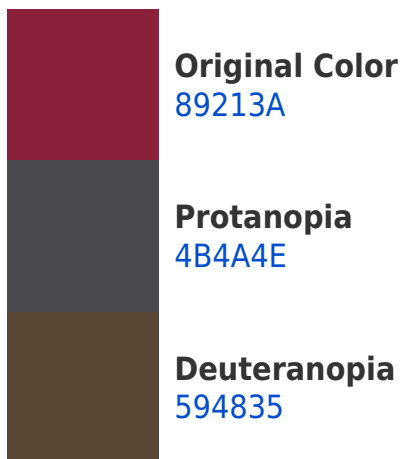


This preview shows how white text looks on a background with the Hex color 89213A.

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
882527

Trichromacy



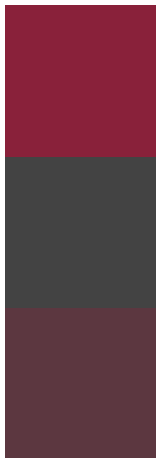
Original Color
89213A

Protanomaly
623B47

Deuteranomaly
6A3A37

Tritanomaly
88242E

Monochromacy



Original Color
89213A

Achromatopsia
434343

Achromatomaly
5C3740

CSS Examples

Text

The CSS property to change the color of the text to Hex 89213A 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 #89213A looks like.

```
.text, #text, p{  
    color:#89213A  
}
```

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 #89213A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89213A
}
```

Border

The CSS property to change the border of an element to Hex 89213A is called "border". The border property can be set on classes, ids or directly on the HTML element.

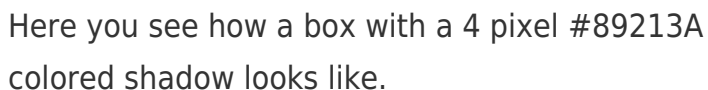
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89213A }
```

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

```
.border{ border-color:#89213A }
```

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



Here you see how a box with a 4 pixel #89213A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89213A; -webkit-box-shadow:4px 4px  
4px 4px #89213A; box-shadow:4px 4px 4px  
4px #89213A }
```

Background

The CSS property to change the background color of an element to Hex 89213A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89213A }
```

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

```
.background{ background-color:#89213A }
```

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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