

Converting Colors

Hex(89212B)

Have a look what the booklet for
Hex(89212B) contains.

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Color

Hex(89212B)

Conversions

Conversions Part 1

Format	Color
Hex	89212B
RGB	137, 33, 43
RGB Percent	54%, 13%, 17%
CMY	0.4627, 0.8706, 0.8314
CMYK	0.00, 0.76, 0.69, 0.46
HSL	354°, 61%, 33%
HSV	354°, 76%, 54%
XYZ	11.2964, 6.5805, 2.9603
YIQ	65.2360, 58.7740, 25.1580

Conversions

Conversions Part 2

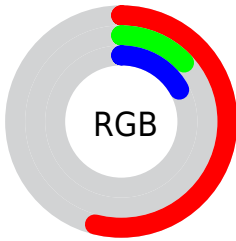
Format	Color
R_{YB}	137, 33, 43
Decimal	8986923
CIE _{Lab}	30.83, 43.97, 20.61
CIE _{LCh}	31, 48.558, 25.111
Yxy	6.5805, 0.5421, 0.3158
Android (android.graphics.Color)	4287177003 (0xFF89212B)
YUV	65.2360, -10.9623, 62.9370
Hunter-Lab	25.6525, 33.7131, 11.1147

Details

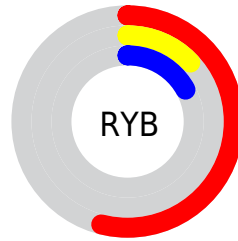
The Hex color **89212B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21897F**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **C45658**, and **500000** is the 20% darker color. If you saturate the color by 10%, you get **89131F**, and if you desaturate by 10%, it is **892F37**.

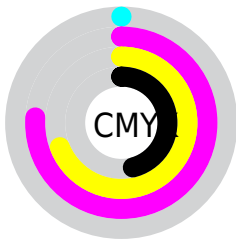
Distribution



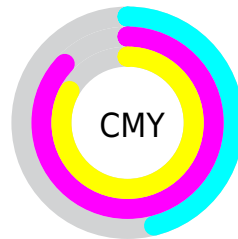
- Red (54%)
- Green (13%)
- Blue (17%)



- Red (54%)
- Yellow (13%)
- Blue (17%)



- Cyan (0%)
- Magenta (76%)
- Yellow (69%)
- Black (46%)



- Cyan (46%)
- Magenta (87%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89212B 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 89212B by changing the saturation by 10% instead.

 89212B

 89212B

FFFFFF

 6C0017

 C45658

 500000

 E27171

 370002

 FF8B8A

 0C0000

 FFA7A5

 000000

 FFC3C0

 FFDFDB

 FFFCF8

 89212B

 89212B

■ 89131F

■ 892F37

■ 890612

■ 893C44

■ 89000D

■ 894A50

■ 89585D

■ 896669

■ 897375

■ 898182

■ 898F8E

■ 899C9A

Harmonies

Analogous

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



871C50



89212B



793405

Triad

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



89212B



005619



004F95

Complementary

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



89212B



21897F

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.



005787



89212B



005941

Square

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



89212B



3A5000



005968



37418E

Rectangle

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



89212B



684000



005968



005292

Sweetspot

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



89212B



B3898D



7F2189



594043



D9D9D9



595959

Same Dimension

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



89212B



B31020



894B21



453E3F



85000D



050000

Inverse Universe

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



89212B



B31020



215F89



453E3F



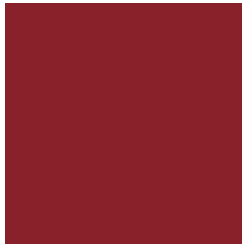
85000D



050000

Previews

White Background



This preview shows how the Hex color 89212B looks on a white background.

Color Contrast Check

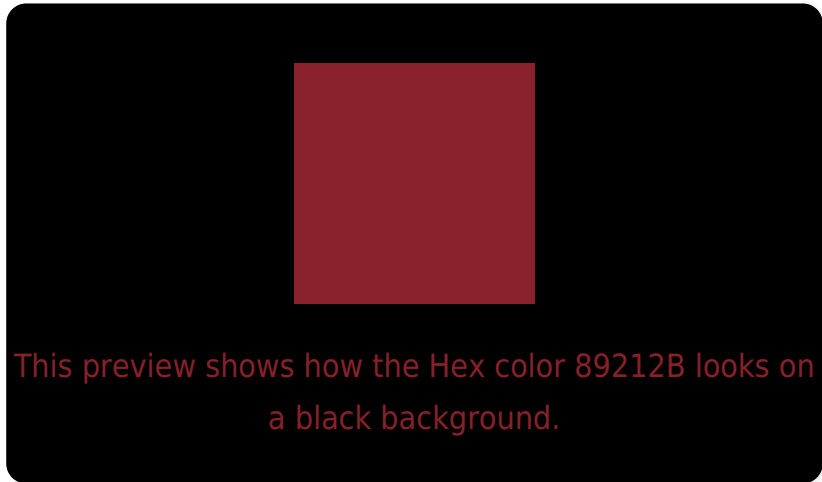
Large Text (above 18pt) WCAG AA ✓ Pass

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 89212B Background



This preview shows how black text looks on a background with the Hex color 89212B.



This preview shows how white text looks on a background with the Hex color 89212B.

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
89212B

Protanopia
4F4A3A

Deuteranopia
5B4725

Trichromacy



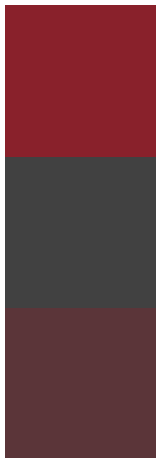
Original Color
89212B

Protanomaly
643B35

Deuteranomaly
6C3927

Tritanomaly
892226

Monochromacy



Original Color
89212B

Achromatopsia
414141

Achromatomaly
5B3539

CSS Examples

Text

The CSS property to change the color of the text to Hex 89212B 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 #89212B looks like.

```
.text, #text, p{  
    color:#89212B  
}
```

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 #89212B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89212B }  
}
```

Border

The CSS property to change the border of an element to Hex 89212B is called "border". The border property can be set on classes, ids or directly on the HTML element.

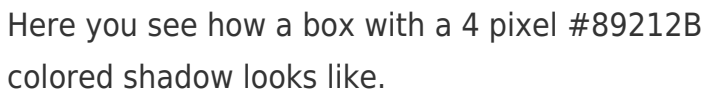
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #89212B }  
}
```

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

```
.border{ border-color:#89212B }
```

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



Here you see how a box with a 4 pixel #89212B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89212B; -webkit-box-shadow:4px 4px  
4px 4px #89212B; box-shadow:4px 4px 4px  
4px #89212B }
```

Background

The CSS property to change the background color of an element to Hex 89212B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89212B }
```

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

```
.background{ background-color:#89212B }
```

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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