

Converting Colors

Hex(87292A)

Have a look what the booklet for
Hex(87292A) contains.

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Color

Hex(87292A)

Conversions

Conversions Part 1

Format	Color
Hex	87292A
RGB	135, 41, 42
RGB Percent	53%, 16%, 16%
CMY	0.4706, 0.8392, 0.8353
CMYK	0.00, 0.70, 0.69, 0.47
HSL	359°, 53%, 35%
HSV	359°, 70%, 53%
XYZ	11.2025, 6.9039, 2.9326
YIQ	69.2200, 55.7030, 20.2390

Conversions

Conversions Part 2

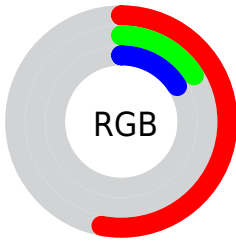
Format	Color
RYB	135, 41, 42
Decimal	8857898
CIELab	31.59, 40.03, 22.10
CIElCh	32, 45.724, 28.897
Yxy	6.9039, 0.5325, 0.3281
Android (android.graphics.Color)	4287047978 (0xFF87292A)
YUV	69.2200, -13.4195, 57.6891
Hunter-Lab	26.2754, 30.1218, 11.7753

Details

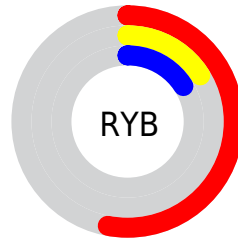
The Hex color **87292A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **298786**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **C15C57**, and **4F0000** is the 20% darker color. If you saturate the color by 10%, you get **871C1D**, and if you desaturate by 10%, it is **873737**.

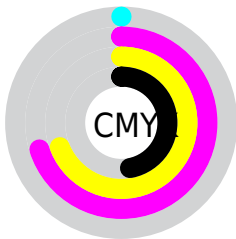
Distribution



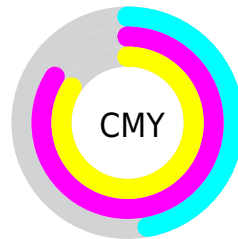
- Red (53%)
- Green (16%)
- Blue (16%)



- Red (53%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (70%)
- Yellow (69%)
- Black (47%)



- Cyan (47%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87292A 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 87292A by changing the saturation by 10% instead.

 87292A

 87292A

FFFFFF

 6B0B16

 C15C57

 4F0000

 DF7670

 350001

 FE9189

 0A0000

 FFACA4

 000000

 FFC8BF

 FFE5DB

 FFFFF7

 87292A

 87292A

■ 871C1D

■ 873737

■ 870E0F

■ 874445

■ 870002

■ 875252

■ 870001

■ 875F5F

■ 876D6D

■ 877A7A

■ 878887

■ 879595

■ 87A3A2

Harmonies

Analogous

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



87234D



87292A



773A08

Triad

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



87292A



005823



004F92

Complementary

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



87292A



298786

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.



005788



87292A



005A48

Square

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



87292A



385200



005A6C



45418A

Rectangle

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



87292A



664400



005A6C



005291

Sweetspot

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



87292A



B08B8B



852987



594343



D9D9D9



595959

Same Dimension

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



87292A



B01C1E



875629



423C3C



820001



030000

Inverse Universe

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



87292A



B01C1E



295A87



423C3C



820001



030000

Previews

White Background



This preview shows how the Hex color 87292A 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 87292A Background



This preview shows how black text looks on a background with the Hex color 87292A.

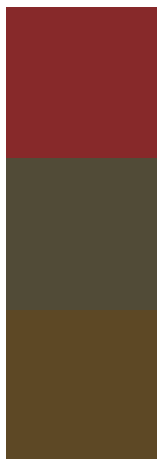


This preview shows how white text looks on a background with the Hex color 87292A.

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
87292A

Protanopia
514B37

Deuteranopia
5D4825



Tritanopia
87292B

Trichromacy



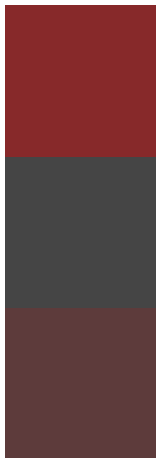
Original Color
87292A

Protanomaly
653F32

Deuteranomaly
6C3D27

Tritanomaly
87292B

Monochromacy



Original Color
87292A

Achromatopsia
454545

Achromatomaly
5D3B3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 87292A 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 #87292A looks like.

```
.text, #text, p{  
    color:#87292A  
}
```

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 #87292A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87292A
}
```

Border

The CSS property to change the border of an element to Hex 87292A is called "border". The border property can be set on classes, ids or directly on the HTML element.

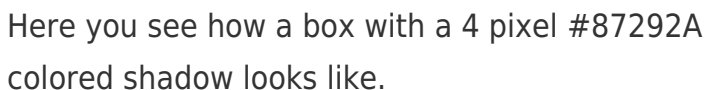
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87292A }
```

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

```
.border{ border-color:#87292A }
```

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



Here you see how a box with a 4 pixel #87292A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87292A; -webkit-box-shadow:4px 4px  
4px 4px #87292A; box-shadow:4px 4px 4px  
4px #87292A }
```

Background

The CSS property to change the background color of an element to Hex 87292A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87292A }
```

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

```
.background{ background-color:#87292A }
```

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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