

Converting Colors

Hex(87302C)

Have a look what the booklet for
Hex(87302C) contains.

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Color

Hex(87302C)

Conversions

Conversions Part 1

Format	Color
Hex	87302C
RGB	135, 48, 44
RGB Percent	53%, 19%, 17%
CMY	0.4706, 0.8118, 0.8275
CMYK	0.00, 0.64, 0.67, 0.47
HSL	3°, 51%, 35%
HSV	3°, 67%, 53%
XYZ	11.5032, 7.4467, 3.2139
YIQ	73.5570, 53.1360, 17.2000

Conversions

Conversions Part 2

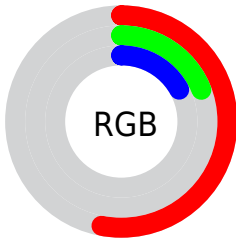
Format	Color
RYB	135, 48, 44
Decimal	8859692
CIELab	32.80, 36.97, 22.33
CIELCh	33, 43.188, 31.139
Yxy	7.4467, 0.5190, 0.3360
Android (android.graphics.Color)	4287049772 (0xFF87302C)
YUV	73.5570, -14.5716, 53.8855
Hunter-Lab	27.2886, 27.4901, 12.1191

Details

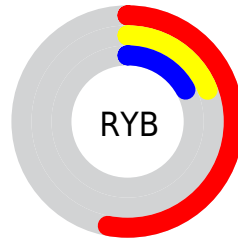
The Hex color **87302C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2C8387**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **C1625A**, and **500000** is the 20% darker color. If you saturate the color by 10%, you get **87231F**, and if you desaturate by 10%, it is **873D3A**.

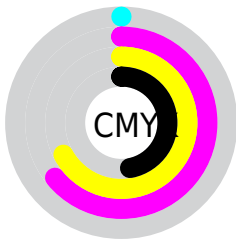
Distribution



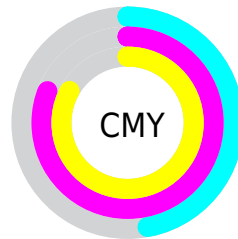
- Red (53%)
- Green (19%)
- Blue (17%)



- Red (53%)
- Yellow (19%)
- Blue (17%)



- Cyan (0%)
- Magenta (64%)
- Yellow (67%)
- Black (47%)



- Cyan (47%)
- Magenta (81%)
- Yellow (83%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87302C 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 87302C by changing the saturation by 10% instead.

 87302C

 87302C

FFFFFF

 6B1617

 C1625A

 500000

 DF7C72

 350000

 FD978C

 0F0000

 FFB2A6

 000000

 FFCEC1

 FFE8DD

 FFFFAA

 87302C

 87302C

87231F

873D3A

871611

874A47

870903

875755

870600

876462

877170

877D7D

878A8B

879798

87A4A6

Harmonies

Analogous

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



882A4D



87302C



773F0E

Triad

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



87302C



005A2A



005192

Complementary

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



87302C



2C8387

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.



005989



87302C



005D4D

Square

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



87302C



3A5509



005C70



4E4388

Rectangle

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



87302C



664800



005C70



005491

Sweetspot

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



87302C



B08E8D



872C84



594544



D9D9D9



595959

Same Dimension

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



87302C



B02821



875D2C



423C3C



820600



030000

Inverse Universe

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



2C8387



21AAB0



2C5687



3C4242



007C82



000203

Previews

White Background



This preview shows how the Hex color 87302C looks on a white background.

Color Contrast Check

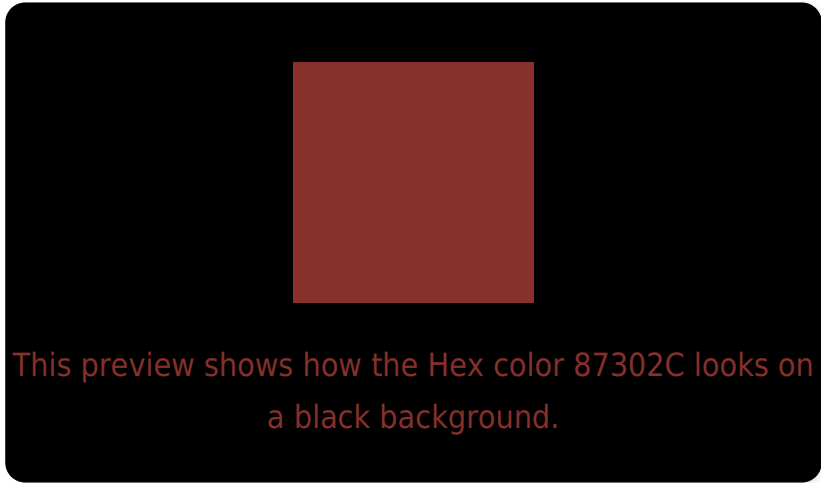
Large Text (above 18pt) WCAG AA ✓ Pass

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 87302C Background



This preview shows how black text looks on a background with the Hex color 87302C.

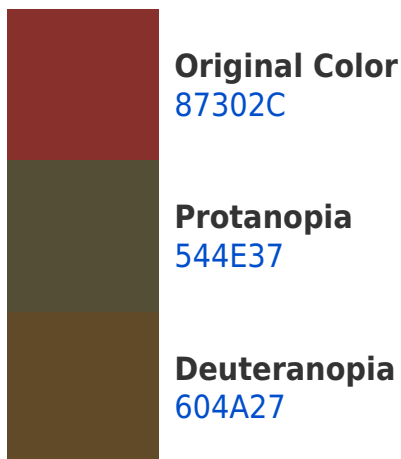


This preview shows how white text looks on a background with the Hex color 87302C.

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
872F32

Trichromacy



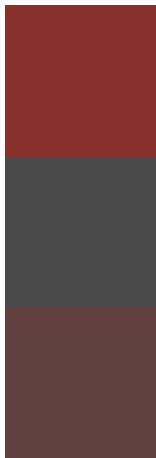
Original Color
87302C

Protanomaly
674333

Deuteranomaly
6E4129

Tritanomaly
872F30

Monochromacy



Original Color
87302C

Achromatopsia
4A4A4A

Achromatomaly
60413F

CSS Examples

Text

The CSS property to change the color of the text to Hex 87302C 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 #87302C looks like.

```
.text, #text, p{  
    color:#87302C  
}
```

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 #87302C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87302C  
}
```

Border

The CSS property to change the border of an element to Hex 87302C is called "border". The border property can be set on classes, ids or directly on the HTML element.

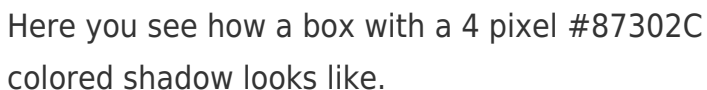
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#87302C }
```

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

```
.border{ border-color:#87302C }
```

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



Here you see how a box with a 4 pixel #87302C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87302C; -webkit-box-shadow:4px 4px  
4px 4px #87302C; box-shadow:4px 4px 4px  
4px #87302C }
```

Background

The CSS property to change the background color of an element to Hex 87302C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87302C }
```

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

```
.background{ background-color:#87302C }
```

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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