

Converting Colors

Hex(802F38)

Have a look what the booklet for
Hex(802F38) contains.

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Color

Hex(802F38)

Conversions

Conversions Part 1

Format	Color
Hex	802F38
RGB	128, 47, 56
RGB Percent	50%, 18%, 22%
CMY	0.4980, 0.8157, 0.7804
CMYK	0.00, 0.63, 0.56, 0.50
HSL	353°, 46%, 34%
HSV	353°, 63%, 50%
XYZ	10.6324, 6.9077, 4.5143
YIQ	72.2450, 45.3870, 19.9710

Conversions

Conversions Part 2

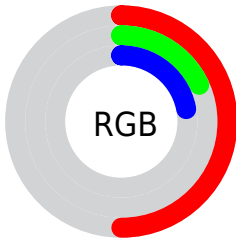
Format	Color
RYB	128, 47, 56
Decimal	8400696
CIELab	31.60, 35.76, 12.84
CIElCh	32, 37.998, 19.751
Yxy	6.9077, 0.4821, 0.3132
Android (android.graphics.Color)	4286590776 (0xFF802F38)
YUV	72.2450, -8.0088, 48.8971
Hunter-Lab	26.2826, 26.2162, 8.2141

Details

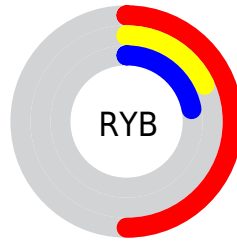
The Hex color **802F38** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2F8077**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **B96167**, and **4A000D** is the 20% darker color. If you saturate the color by 10%, you get **80222D**, and if you desaturate by 10%, it is **803C43**.

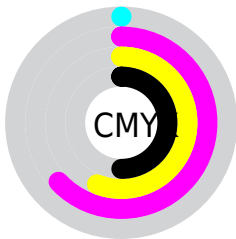
Distribution



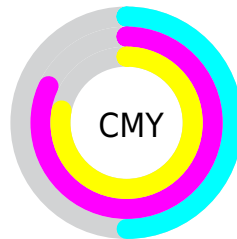
- Red (50%)
- Green (18%)
- Blue (22%)



- Red (50%)
- Yellow (18%)
- Blue (22%)



- Cyan (0%)
- Magenta (63%)
- Yellow (56%)
- Black (50%)



- Cyan (50%)
- Magenta (82%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802F38 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 802F38 by changing the saturation by 10% instead.

802F38

802F38

FFFFFF

651523

B96167

4A000D

D67B80

320001

F3959A

000000

FFB1B4

FFCDD0

FFE9EC

802F38

802F38

80222D

803C43

 801521

 80494F

 800916

 80555A

 80000E

 806266

 806F71

 807C7C

 808988

 809593

 80A29E

Harmonies

Analogous

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



7B2F56



802F38



76391D

Triad

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



802F38



215521



005185

Complementary

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



802F38



2F8077

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.



005677



802F38



00583F

Square

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



802F38



474F0B



00585E



374783

Rectangle

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



802F38



6A410F



00585E



005382

Sweetspot

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



802F38



A6868A



772F80



544143



D4D4D4



545454

Same Dimension

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



802F38



A62836



804E2F



40393A



80000E



000000

Inverse Universe

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



802F38



A62836



2F6180



40393A



80000E



000000

Previews

White Background



This preview shows how the Hex color 802F38 looks on a white background.

Color Contrast Check

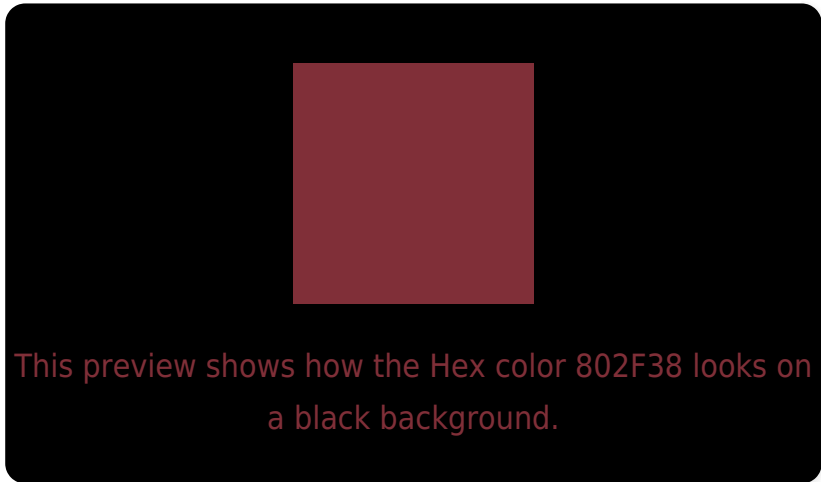
Large Text (above 18pt) WCAG AA ✓ Pass

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 802F38 Background



This preview shows how black text looks on a background with the Hex color 802F38.



This preview shows how white text looks on a background with the Hex color 802F38.

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
802F38

Protanopia
4E4B45

Deuteranopia
5A4834



Tritanopia
803033

Trichromacy



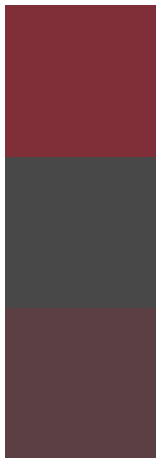
Original Color
802F38

Protanomaly
604140

Deuteranomaly
683F35

Tritanomaly
803035

Monochromacy



Original Color
802F38

Achromatopsia
484848

Achromatomaly
5C3F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 802F38 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 #802F38 looks like.

```
.text, #text, p{  
    color:#802F38  
}
```

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 #802F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802F38
}
```

Border

The CSS property to change the border of an element to Hex 802F38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

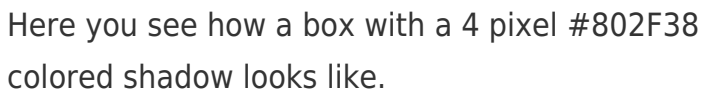
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802F38 }
```

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

```
.border{ border-color:#802F38 }
```

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



Here you see how a box with a 4 pixel #802F38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802F38; -webkit-box-shadow:4px 4px  
4px 4px #802F38; box-shadow:4px 4px 4px  
4px #802F38 }
```

Background

The CSS property to change the background color of an element to Hex 802F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802F38 }
```

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

```
.background{ background-color:#802F38 }
```

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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