

# Converting Colors

Hex(802F28)

Have a look what the booklet for  
Hex(802F28) contains.

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**Color**

**Hex(802F28)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	802F28
RGB	128, 47, 40
RGB Percent	50%, 18%, 16%
CMY	0.4980, 0.8157, 0.8431
CMYK	0.00, 0.63, 0.69, 0.50
HSL	5°, 52%, 33%
HSV	5°, 69%, 50%
XYZ	10.3016, 6.7754, 2.7723
YIQ	70.4210, 50.5230, 14.9950

# Conversions

## Conversions Part 2

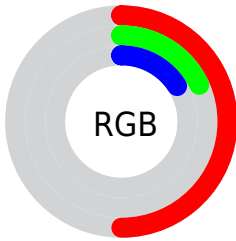
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 48, 40
Decimal	8400680
CIE <sub>Lab</sub>	31.29, 34.56, 22.70
CIE <sub>LCh</sub>	31, 41.343, 33.298
Yxy	6.7754, 0.5190, 0.3413
Android (android.graphics.Color)	4286590760 (0xFF802F28)
YUV	70.4210, -14.9976, 50.4968
Hunter-Lab	26.0296, 25.0920, 11.9060

# Details

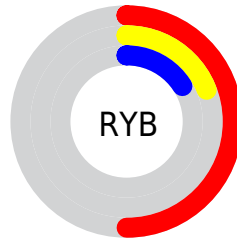
The Hex color **802F28** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **287980**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B96155**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **80231B**, and if you desaturate by 10%, it is **803B35**.

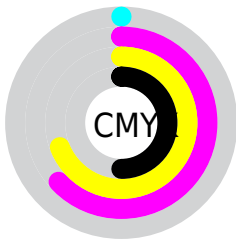
# Distribution



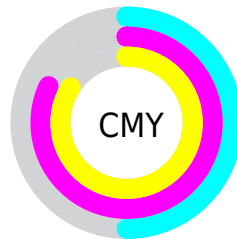
- Red (50%)
- Green (18%)
- Blue (16%)



- Red (50%)
- Yellow (19%)
- Blue (16%)



- Cyan (0%)
- Magenta (63%)
- Yellow (69%)
- Black (50%)



- Cyan (50%)
- Magenta (82%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 802F28 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 802F28 by changing the saturation by 10% instead.



 802F28

 802F28

FFFFFF

 641613

 B96155

 490000

 D77A6E

 300001

 F59587

 000000

 FFB0A1

 FFCCBC

 FFE9D8

 FFFFF5

 802F28

 802F28

 80231B

 803B35

 80170E

 804742

 800C02

 80524E

 800A00


 805E5B

 806A68

 807675

 808182

 808D8E

 80999B

# Harmonies

## Analogous

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



822847



802F28



703D0C

# Triad

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



802F28



00572B



004C8B

# Complementary

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



802F28



287980

# 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.



005483



802F28



00594C

# Square

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



802F28



35520C



00586C



4E3F80

# Rectangle

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



802F28



5F4600



00586C



00508A



# Sweetspot

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



802F28



A68683



80287A



54413F



D4D4D4



545454



# Same Dimension

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



802F28



A6271C



805A28



403A39



800A00



000000



# Inverse Universe

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



287980



1C9BA6



284E80



393F40



007580



000000



# Previews

## White Background



This preview shows how the Hex color 802F28 looks on a white background.

## Color Contrast Check

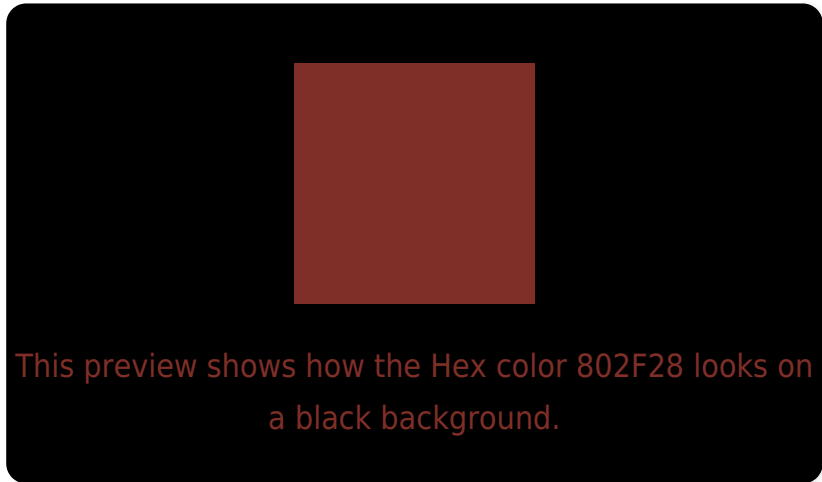
Large Text (above 18pt) WCAG AA ✓ Pass

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

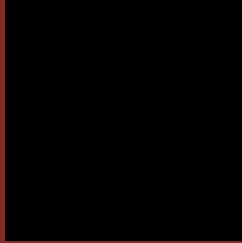
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 802F28 Background



This preview shows how black text looks on a background with the Hex color 802F28.

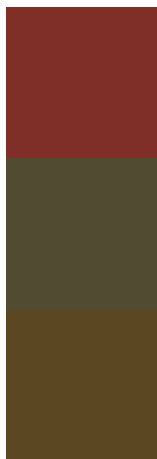


This preview shows how white text looks on a background with the Hex color 802F28.

# 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**  
802F28

**Protanopia**  
514B32

**Deuteranopia**  
5C4723



**Tritanopia**  
802E30

# Trichromacy



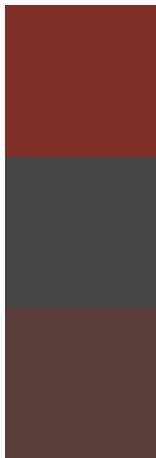
**Original Color**  
802F28

**Protanomaly**  
62412E

**Deuteranomaly**  
693E25

**Tritanomaly**  
802E2D

# Monochromacy



**Original Color**  
802F28

**Achromatopsia**  
464646

**Achromatomaly**  
5B3E3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 802F28 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 #802F28 looks like.

```
.text, #text, p{  
    color:#802F28  
}
```

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 #802F28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802F28
}
```

## Border

The CSS property to change the border of an element to Hex 802F28 is called "border". The border property can be set on classes, ids or directly on the HTML element.

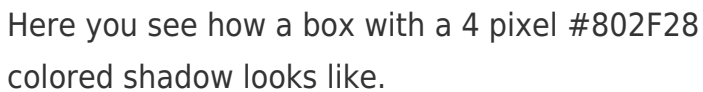
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802F28 }
```

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

```
.border{ border-color:#802F28 }
```

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



Here you see how a box with a 4 pixel #802F28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802F28; -webkit-box-shadow:4px 4px  
4px 4px #802F28; box-shadow:4px 4px 4px  
4px #802F28 }
```

# Background

The CSS property to change the background color of an element to Hex 802F28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802F28 }
```

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

```
.background{ background-color:#802F28 }
```

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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