

Converting Colors

Hex(80322F)

Have a look what the booklet for
Hex(80322F) contains.

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Color

Hex(80322F)

Conversions

Conversions Part 1

Format	Color
Hex	80322F
RGB	128, 50, 47
RGB Percent	50%, 20%, 18%
CMY	0.4980, 0.8039, 0.8157
CMYK	0.00, 0.61, 0.63, 0.50
HSL	2°, 46%, 34%
HSV	2°, 63%, 50%
XYZ	10.5558, 7.0756, 3.4987
YIQ	72.9800, 47.4510, 15.6030

Conversions

Conversions Part 2

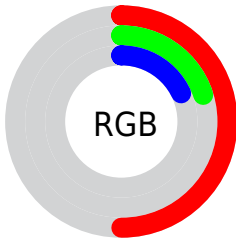
Format	Color
R_{YB}	128, 50, 47
Decimal	8401455
CIE _{Lab}	31.98, 33.53, 19.14
CIE _{LCh}	32, 38.610, 29.714
Yxy	7.0756, 0.4996, 0.3349
Android (android.graphics.Color)	4286591535 (0xFF80322F)
YUV	72.9800, -12.8081, 48.2525
Hunter-Lab	26.6001, 24.2845, 10.8216

Details

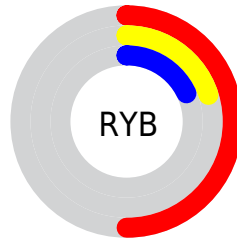
The Hex color **80322F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2F7D80**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B9645D**, and **4A0000** is the 20% darker color. If you saturate the color by 10%, you get **802622**, and if you desaturate by 10%, it is **803E3C**.

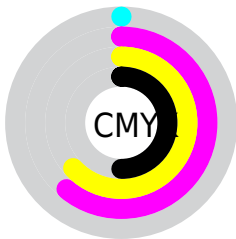
Distribution



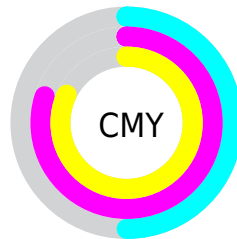
- Red (50%)
- Green (20%)
- Blue (18%)



- Red (50%)
- Yellow (20%)
- Blue (18%)



- Cyan (0%)
- Magenta (61%)
- Yellow (63%)
- Black (50%)



- Cyan (50%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80322F 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 80322F by changing the saturation by 10% instead.



80322F



80322F

FFFFFF



64191A



B9645D



4A0000



D67D76



310000



F4988F



000000



FFB3AA



FFCFC5



FFECE1

FFFFFFE



80322F



80322F

■ 802622

■ 803E3C

■ 801915

■ 804B49

■ 800D09

■ 805755

■ 800500

■ 806362

■ 80706F

■ 807C7C

■ 808889

■ 809595

■ 80A1A2

Harmonies

Analogous

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



802E4D



80322F



723E16

Triad

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



80322F



09572B



004F88

Complementary

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



80322F



2F7D80

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.



00567F



80322F



00594A

Square

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



80322F



3D5211



005968



4A4380

Rectangle

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



80322F



634608



005968



005287

Sweetspot

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



80322F



A68786



802F7D



544241



D4D4D4



545454

Same Dimension

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



80322F



A62C28



805A2F



403A39



800500



000000

Inverse Universe

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



2F7D80



28A1A6



2F5580



394040



007B80



000000

Previews

White Background



This preview shows how the Hex color 80322F 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 80322F Background



This preview shows how black text looks on a background with the Hex color 80322F.



This preview shows how white text looks on a background with the Hex color 80322F.

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
80322F

Protanopia
514C39

Deuteranopia
5D492B



Tritanopia
803134

Trichromacy



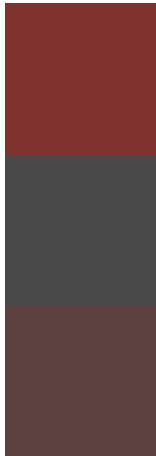
Original Color
80322F

Protanomaly
624335

Deuteranomaly
6A412C

Tritanomaly
803132

Monochromacy



Original Color
80322F

Achromatopsia
494949

Achromatomaly
5D4140

CSS Examples

Text

The CSS property to change the color of the text to Hex 80322F 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 #80322F looks like.

```
.text, #text, p{  
    color:#80322F  
}
```

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 #80322F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80322F
}
```

Border

The CSS property to change the border of an element to Hex 80322F is called "border". The border property can be set on classes, ids or directly on the HTML element.

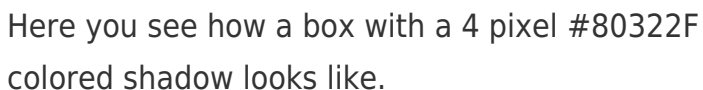
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80322F }
```

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

```
.border{ border-color:#80322F }
```

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



Here you see how a box with a 4 pixel #80322F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80322F; -webkit-box-shadow:4px 4px  
4px 4px #80322F; box-shadow:4px 4px 4px  
4px #80322F }
```

Background

The CSS property to change the background color of an element to Hex 80322F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80322F }
```

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

```
.background{ background-color:#80322F }
```

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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