

Converting Colors

Hex(812F50)

Have a look what the booklet for
Hex(812F50) contains.

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Color

Hex(812F50)

Conversions

Conversions Part 1

Format	Color
Hex	812F50
RGB	129, 47, 80
RGB Percent	51%, 18%, 31%
CMY	0.4941, 0.8157, 0.6863
CMYK	0.00, 0.64, 0.38, 0.49
HSL	336°, 47%, 35%
HSV	336°, 64%, 51%
XYZ	11.5177, 7.2793, 8.3874
YIQ	75.2800, 38.2790, 27.6470

Conversions

Conversions Part 2

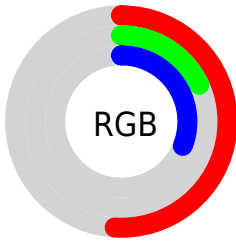
Format	Color
R_{YB}	129, 47, 80
Decimal	8466256
CIE _{Lab}	32.43, 38.66, -1.59
CIE _{LCh}	32, 38.690, 357.644
Yxy	7.2793, 0.4237, 0.2678
Android (android.graphics.Color)	4286656336 (0xFF812F50)
YUV	75.2800, 2.3270, 47.1124
Hunter-Lab	26.9803, 28.9853, 0.4546

Details

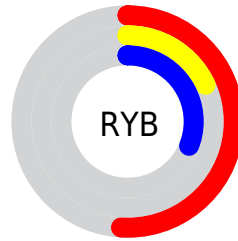
The Hex color **812F50** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2F8160**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **B96281**, and **4C0024** is the 20% darker color. If you saturate the color by 10%, you get **812248**, and if you desaturate by 10%, it is **813C58**.

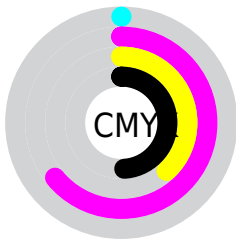
Distribution



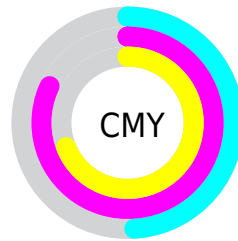
- Red (51%)
- Green (18%)
- Blue (31%)



- Red (51%)
- Yellow (18%)
- Blue (31%)



- Cyan (0%)
- Magenta (64%)
- Yellow (38%)
- Black (49%)



- Cyan (49%)
- Magenta (82%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 812F50 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 812F50 by changing the saturation by 10% instead.

 812F50

 812F50

FFFFFF

 661439

 B96281

 4C0024

 D57C9B

 34000E

 F396B6


 0F0000

 FFB2D1


 000000


 FFCEEE


 FFEAFF

 812F50

 812F50


 812248

 813C58

 811541

 81495F

 810839

 815667

 810034

 81636F

 817077

 817C7E

 818986

 81968E

 81A395

Harmonies

Analogous

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



6F386D



812F50



823232

Triad

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



812F50



405310



00577F

Complementary

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



812F50



2F8160

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.



005A68



812F50



12582A

Square

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



812F50



5E4A07



005A49



005189

Rectangle

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



812F50



7A3A20



005A49



005979

Sweetspot

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



812F50



A88895



5F2F81



544149



D4D4D4



545454

Same Dimension

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



812F50



A8285C



81362F



40393C



800033



000000

Inverse Universe

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



812F50



A8285C



2F7A81



40393C



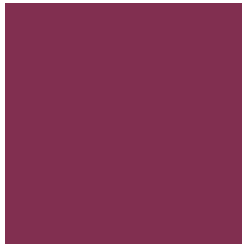
800033



000000

Previews

White Background



This preview shows how the Hex color 812F50 looks on a white background.

Color Contrast Check

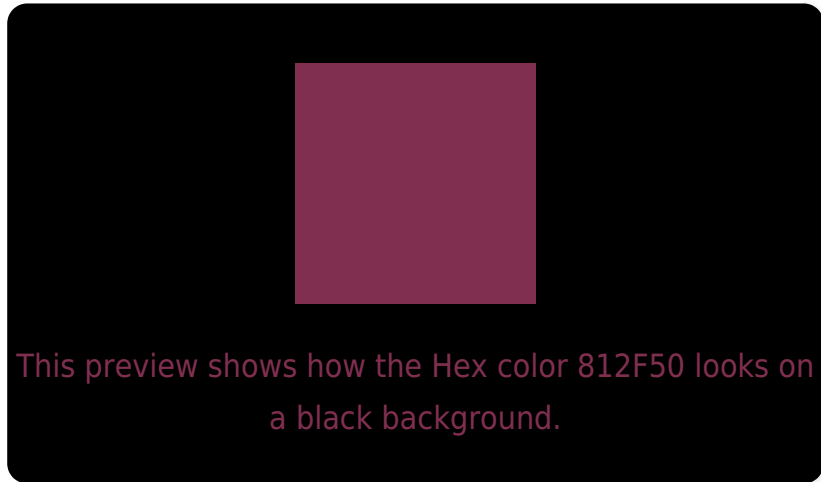
Large Text (above 18pt) WCAG AA ✓ Pass

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 812F50 Background



This preview shows how black text looks on a background with the Hex color 812F50.

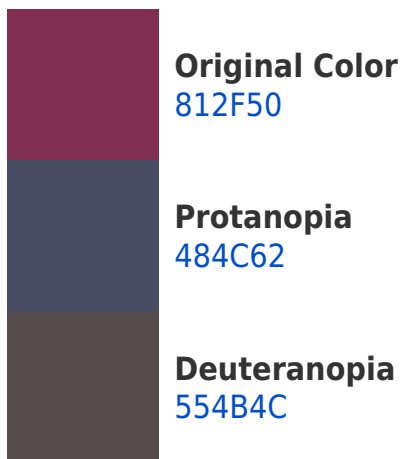



This preview shows how white text looks on a background with the Hex color 812F50.

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
7F3438

Trichromacy



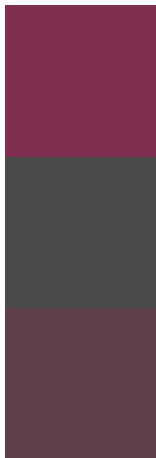
Original Color
812F50

Protanomaly
5D415B

Deuteranomaly
65414D

Tritanomaly
803241

Monochromacy



Original Color
812F50

Achromatopsia
4B4B4B

Achromatomaly
5F414D

CSS Examples

Text

The CSS property to change the color of the text to Hex 812F50 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 #812F50 looks like.

```
.text, #text, p{  
    color:#812F50  
}
```

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 #812F50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #812F50
}
```

Border

The CSS property to change the border of an element to Hex 812F50 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".

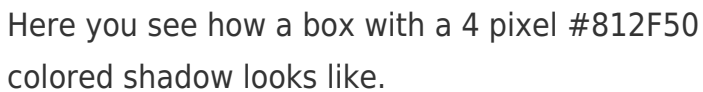
```
.border, #border, table{ border:4px solid
#812F50 }
```

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

```
.border{ border-color:#812F50 }
```

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

Here you see how a box with a 4 pixel #812F50 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #812F50; -webkit-box-shadow:4px 4px  
4px 4px #812F50; box-shadow:4px 4px 4px  
4px #812F50 }
```

Background

The CSS property to change the background color of an element to Hex 812F50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#812F50 }
```

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

```
.background{ background-color:#812F50 }
```

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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