

# Converting Colors

Hex(822F76)

Have a look what the booklet for  
Hex(822F76) contains.

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# Color

**Hex(822F76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	822F76
RGB	130, 47, 118
RGB Percent	51%, 18%, 46%
CMY	0.4902, 0.8157, 0.5373
CMYK	0.00, 0.64, 0.09, 0.49
HSL	309°, 47%, 35%
HSV	309°, 64%, 51%
XYZ	13.4925, 8.0869, 17.9893
YIQ	79.9110, 26.6770, 39.6770

# Conversions

## Conversions Part 2

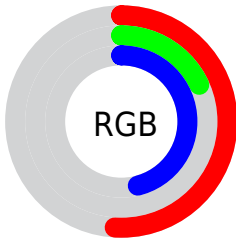
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 47, 118
Decimal	8531830
CIE <sub>Lab</sub>	34.16, 44.61, -23.26
CIE <sub>LCh</sub>	34, 50.306, 332.465
Yxy	8.0869, 0.3410, 0.2044
Android (android.graphics.Color)	4286721910 (0xFF822F76)
YUV	79.9110, 18.7779, 43.9281
Hunter-Lab	28.4374, 34.9259, -17.6003

# Details

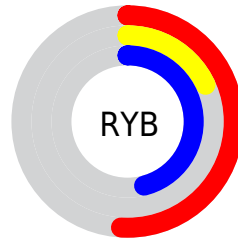
The Hex color **822F76** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2F823B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B963AA**, and **4E0045** is the 20% darker color. If you saturate the color by 10%, you get **822274**, and if you desaturate by 10%, it is **823C78**.

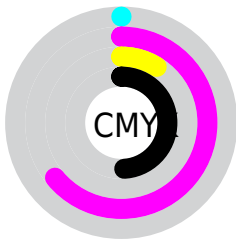
# Distribution



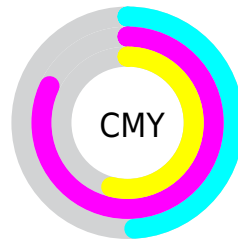
- Red (51%)
- Green (18%)
- Blue (46%)



- Red (51%)
- Yellow (18%)
- Blue (46%)



- Cyan (0%)
- Magenta (64%)
- Yellow (9%)
- Black (49%)



- Cyan (49%)
- Magenta (82%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 822F76 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 822F76 by changing the saturation by 10% instead.



 822F76

 822F76

FFFFFF

 67135D

 B963AA

 4E0045

 D67DC6

 35002F

 F398E2

 1B0019

 FFB4FF

 000000

 FFD0FF

 FFECFF

 822F76

 822F76

 822274

 823C78

■ 821572

■ 82497A

■ 820870

■ 82567C

■ 82006F

■ 82637E

■ 82707F

■ 827D81

■ 828A83

■ 829785

■ 82A487

# Harmonies

## Analogous

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



524494



822F76



95224F

# Triad

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



822F76



5F5000



00627A

# Complementary

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



822F76



2F823B

# 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.



006253



822F76



365A00

# Square

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



822F76



7E4000



006029



005E97

# Rectangle

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



822F76



952734



006029



00626E



# Sweetspot

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



822F76



A888A4



3A2F82



544151



D4D4D4



545454



# Same Dimension

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



822F76



A82796



822F4D



40393F



80006D



000000



# Inverse Universe

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



822F76



A82796



2F8264



40393F



80006D



000000



# Previews

## White Background



This preview shows how the Hex color 822F76 looks on a white background.

## Color Contrast Check

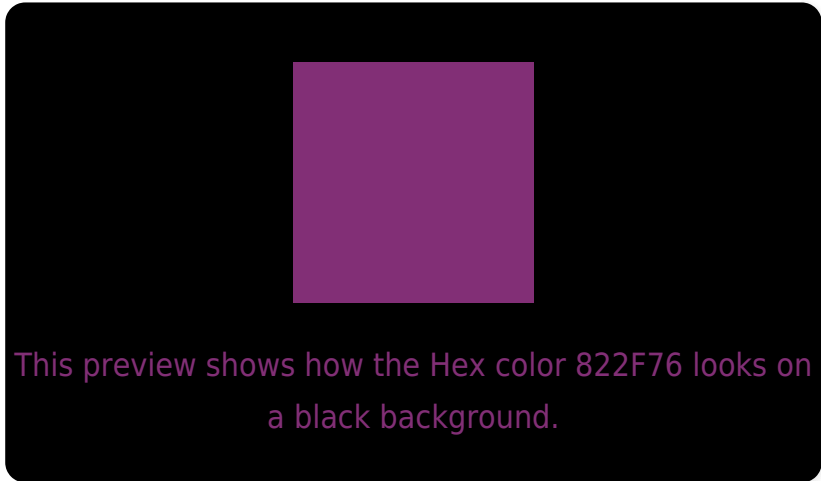
Large Text (above 18pt) WCAG AA ✓ Pass

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

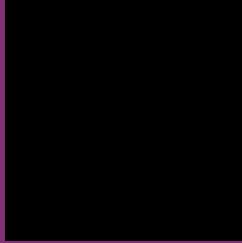
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 822F76 Background



This preview shows how black text looks on a background with the Hex color 822F76.



This preview shows how white text looks on a background with the Hex color 822F76.

# 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**  
7D3E42

# Trichromacy



**Original Color**  
822F76



**Protanomaly**  
4E4388



**Deuteranomaly**  
5C4473

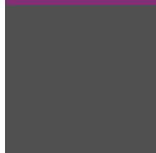


**Tritanomaly**  
7F3955

# Monochromacy



**Original Color**  
822F76



**Achromatopsia**  
505050



**Achromatomaly**  
62445E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 822F76 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 #822F76 looks like.

```
.text, #text, p{  
    color:#822F76  
}
```

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 #822F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #822F76
}
```

## Border

The CSS property to change the border of an element to Hex 822F76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

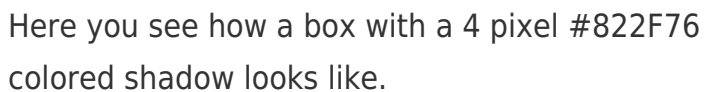
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#822F76 }
```

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

```
.border{ border-color:#822F76 }
```

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



Here you see how a box with a 4 pixel #822F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #822F76; -webkit-box-shadow:4px 4px  
4px 4px #822F76; box-shadow:4px 4px 4px  
4px #822F76 }
```

# Background

The CSS property to change the background color of an element to Hex 822F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#822F76 }
```

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

```
.background{ background-color:#822F76 }
```

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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