

Converting Colors

Hex(902D8F)

Have a look what the booklet for
Hex(902D8F) contains.

Hex(902D8F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(902D8F)

Conversions

Conversions Part 1

Format	Color
Hex	902D8F
RGB	144, 45, 143
RGB Percent	56%, 18%, 56%
CMY	0.4353, 0.8235, 0.4392
CMYK	0.00, 0.69, 0.01, 0.44
HSL	301°, 52%, 37%
HSV	301°, 69%, 56%
XYZ	17.3979, 9.7892, 26.9591
YIQ	85.7730, 27.5460, 51.4660

Conversions

Conversions Part 2

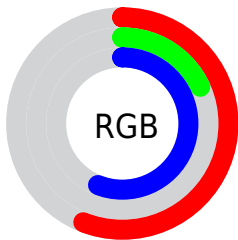
Format	Color
RYB	144, 45, 143
Decimal	9448847
CIELab	37.46, 53.46, -33.41
CIELCh	37, 63.040, 327.993
Yxy	9.7892, 0.3213, 0.1808
Android (android.graphics.Color)	4287638927 (0xFF902D8F)
YUV	85.7730, 28.2129, 51.0651
Hunter-Lab	31.2878, 44.5034, -29.1859

Details

The Hex color **902D8F** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2D902E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **C864C5**, and **5A005C** is the 20% darker color. If you saturate the color by 10%, you get **901F8F**, and if you desaturate by 10%, it is **903B8F**.

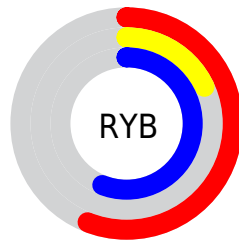
Distribution



Red (56%)

Green (18%)

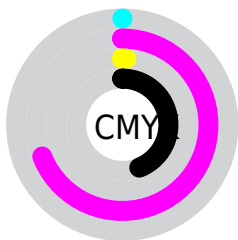
Blue (56%)



Red (56%)

Yellow (18%)

Blue (56%)

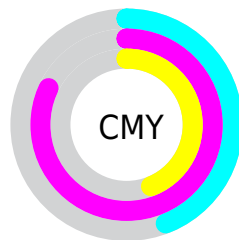


Cyan (0%)

Magenta (69%)

Yellow (1%)

Black (44%)



Cyan (44%)

Magenta (82%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 902D8F 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 902D8F by changing the saturation by 10% instead.

902D8F

902D8F

FFFFFF

750A75

C864C5

5A005C

E67EE1

400044

FF9AFE

29002D

FFB6FF

000117

FFD2FF

000000

FFEFFF

902D8F

902D8F

901F8F

903B8F

90108F

904A8F

90028F

90588F

90008F

906790

907590

908390

909290

90A090

90AF90

Harmonies

Analogous

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



474CB3



902D8F



AC075E

Triad

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



902D8F



6F5500



006E87

Complementary

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



902D8F



2D902E

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.



006D53



902D8F



3D6300

Square

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



902D8F



943E00



006A1C



006AAF

Rectangle

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



902D8F



AF103C



006A1C



006E76

Sweetspot

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



902D8F



BA93BA



2D2D90



5E475E



DEDEDE



5E5E5E

Same Dimension

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



902D8F



BA20B9



902D5F



474047



870086



080008

Inverse Universe

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



902D8F



BA20B9



2D905F



474047



870086



080008

Previews

White Background



This preview shows how the Hex color 902D8F looks on a white background.

Color Contrast Check

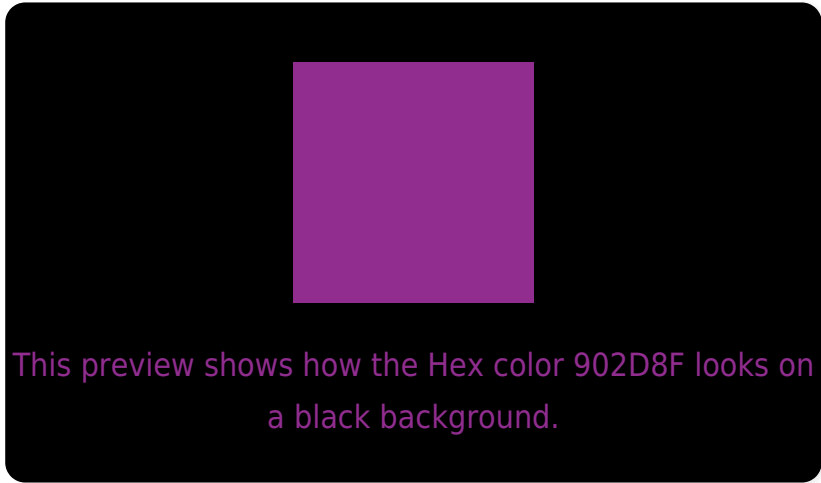
Large Text (above 18pt) WCAG AA ✓ Pass

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

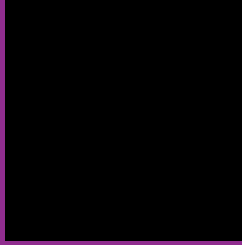
Any Text WCAG AA × Fail

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 902D8F Background



This preview shows how black text looks on a background with the Hex color 902D8F.

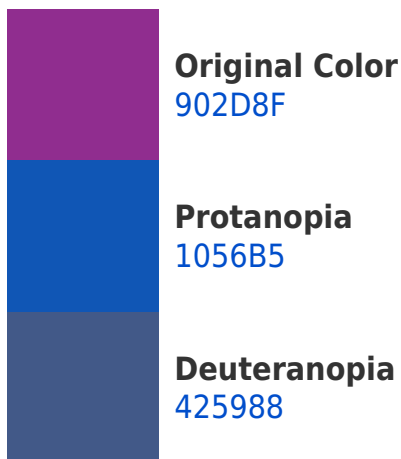


This preview shows how white text looks on a background with the Hex color 902D8F.

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
884449

Trichromacy



Original Color
902D8F



Protanomaly
3F47A7



Deuteranomaly
5E498B



Tritanomaly
8B3C62

Monochromacy



Original Color
902D8F



Achromatopsia
565656



Achromatomaly
6B476B

CSS Examples

Text

The CSS property to change the color of the text to Hex 902D8F 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 #902D8F looks like.

```
.text, #text, p{  
    color:#902D8F  
}
```

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 #902D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #902D8F
}
```

Border

The CSS property to change the border of an element to Hex 902D8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

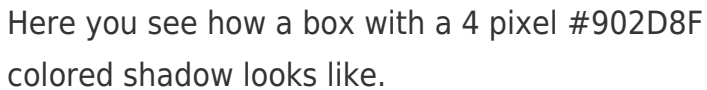
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#902D8F }
```

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

```
.border{ border-color:#902D8F }
```

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



Here you see how a box with a 4 pixel #902D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #902D8F; -webkit-box-shadow:4px 4px  
4px 4px #902D8F; box-shadow:4px 4px 4px  
4px #902D8F }
```

Background

The CSS property to change the background color of an element to Hex 902D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#902D8F }
```

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

```
.background{ background-color:#902D8F }
```

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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