

# Converting Colors

Hex(902C5D)

Have a look what the booklet for  
Hex(902C5D) contains.

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# Color

**Hex(902C5D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	902C5D
RGB	144, 44, 93
RGB Percent	56%, 17%, 36%
CMY	0.4353, 0.8275, 0.6353
CMYK	0.00, 0.69, 0.35, 0.44
HSL	331°, 53%, 37%
HSV	331°, 69%, 56%
XYZ	14.3781, 8.5210, 11.2428
YIQ	79.4860, 43.8710, 36.4390

# Conversions

## Conversions Part 2

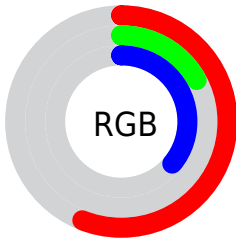
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 44, 93
Decimal	9448541
CIE <sub>Lab</sub>	35.05, 46.39, -5.82
CIE <sub>LCh</sub>	35, 46.756, 352.850
Yxy	8.5210, 0.4211, 0.2496
Android (android.graphics.Color)	4287638621 (0xFF902C5D)
YUV	79.4860, 6.6624, 56.5788
Hunter-Lab	29.1907, 36.8376, -2.4021

# Details

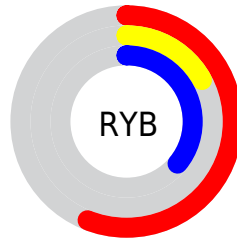
The Hex color **902C5D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2C905F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **C9618F**, and **59002F** is the 20% darker color. If you saturate the color by 10%, you get **901E56**, and if you desaturate by 10%, it is **903A64**.

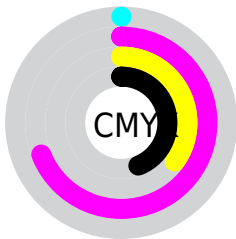
# Distribution



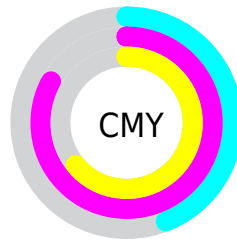
- Red (56%)
- Green (17%)
- Blue (36%)



- Red (56%)
- Yellow (17%)
- Blue (36%)



- Cyan (0%)
- Magenta (69%)
- Yellow (35%)
- Black (44%)



- Cyan (44%)
- Magenta (83%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 902C5D 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 902C5D by changing the saturation by 10% instead.



902C5D

902C5D

FFFFFF

740C45

C9618F

59002F

E67CAA

3F001B

FF97C5

260001

FFB3E1

000000

FFCFFE

FFECFF

902C5D

902C5D

901E56

903A64

900F4E

90496C

900147

905773

900047

90667A

907482

908289

909190

909F98

90AE9F

# Harmonies

## Analogous

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



763B80



902C5D



942E38

# Triad

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



902C5D



485900



00618E

# Complementary

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



902C5D



2C905F

# 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.



00636E



902C5D



0F6022

# Square

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



902C5D



6B4E00



006348



005A9D

# Rectangle

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



902C5D



8C3821



006348



006285



# Sweetspot

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



902C5D



BA93A6



5E2C90



5E4752



DEDEDE



5E5E5E



# Same Dimension

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



902C5D



BA206B



902C2C



474044



870042



080004



# Inverse Universe

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



902C5D



BA206B



2C9090



474044



870042



080004



# Previews

## White Background



This preview shows how the Hex color 902C5D looks on a white background.

## Color Contrast Check

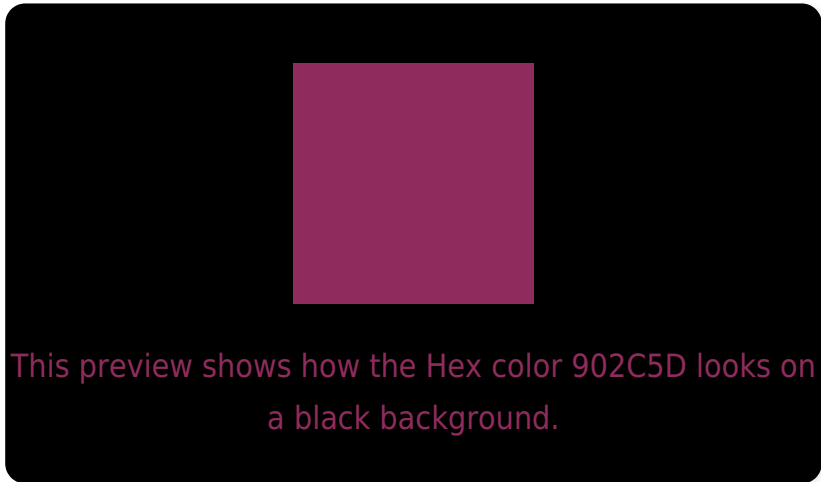
Large Text (above 18pt) WCAG AA ✓ Pass

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

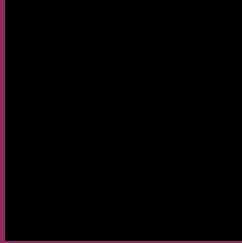
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 902C5D Background



This preview shows how black text looks on a background with the Hex color 902C5D.



This preview shows how white text looks on a background with the Hex color 902C5D.

# 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**  
902C5D

**Protanopia**  
485277

**Deuteranopia**  
5A5158



**Tritanopia**  
8D3538

# Trichromacy



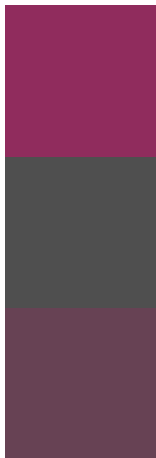
**Original Color**  
902C5D

**Protanomaly**  
62446E

**Deuteranomaly**  
6E445A

**Tritanomaly**  
8E3245

# Monochromacy



**Original Color**  
902C5D

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
674254

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 902C5D 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 #902C5D looks like.

```
.text, #text, p{  
    color:#902C5D  
}
```

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 #902C5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #902C5D
}
```

## Border

The CSS property to change the border of an element to Hex 902C5D is called "border". The border property can be set on classes, ids or directly on the HTML element.

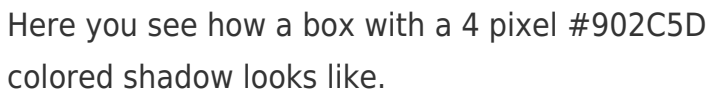
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#902C5D }
```

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

```
.border{ border-color:#902C5D }
```

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



Here you see how a box with a 4 pixel #902C5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #902C5D; -webkit-box-shadow:4px 4px  
4px 4px #902C5D; box-shadow:4px 4px 4px  
4px #902C5D }
```

# Background

The CSS property to change the background color of an element to Hex 902C5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#902C5D }
```

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

```
.background{ background-color:#902C5D }
```

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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