

# Converting Colors

Hex(901D5A)

Have a look what the booklet for  
Hex(901D5A) contains.

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# Color

**Hex(901D5A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	901D5A
RGB	144, 29, 90
RGB Percent	56%, 11%, 35%
CMY	0.4353, 0.8863, 0.6471
CMYK	0.00, 0.80, 0.37, 0.44
HSL	328°, 66%, 34%
HSV	328°, 80%, 56%
XYZ	13.7864, 7.5462, 10.4028
YIQ	70.3390, 48.9590, 43.3510

# Conversions

## Conversions Part 2

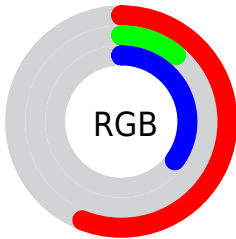
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">144, 29, 90</a>
Decimal	<a href="#">9444698</a>
CIELab	<a href="#">33.02, 51.42, -6.91</a>
CIElCh	<a href="#">33, 51.881, 352.341</a>
Yxy	<a href="#">7.5462, 0.4344, 0.2378</a>
Android (android.graphics.Color)	<a href="#">4287634778 (0xFF901D5A)</a>
YUV	<a href="#">70.3390, 9.6929, 64.6007</a>
Hunter-Lab	<a href="#">27.4704, 41.5099, -3.2234</a>

# Details

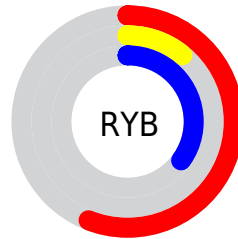
The Hex color **901D5A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1D9053**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **CA568C**, and **59002C** is the 20% darker color. If you saturate the color by 10%, you get **900F53**, and if you desaturate by 10%, it is **902B61**.

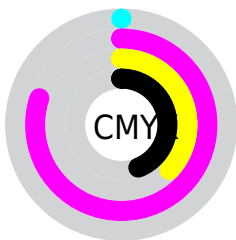
# Distribution



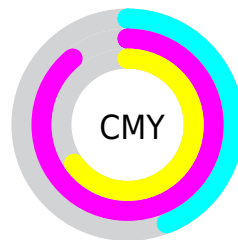
- Red (56%)
- Green (11%)
- Blue (35%)



- Red (56%)
- Yellow (11%)
- Blue (35%)



- Cyan (0%)
- Magenta (80%)
- Yellow (37%)
- Black (44%)



- Cyan (44%)
- Magenta (89%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 901D5A 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 901D5A by changing the saturation by 10% instead.



901D5A

901D5A

FFFFFF

740043

CA568C

59002C

E771A6

3F0018

FF8CC1

230001

FFA8DD

000000

FFC4FA

FFE1FF

901D5A

901D5A

900F53

902B61

90004C

903A68

90486E

905775

90657C

907383

908289

909090

909F97

# Harmonies

## Analogous

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



743280



901D5A



942031

# Triad

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



901D5A



425500



005D8E

# Complementary

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



901D5A



1D9053

# 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.



00606C



901D5A



005C16

# Square

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



901D5A



684800



005F41



0056A0

# Rectangle

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



901D5A



8B2E17



005F41



005E84



# Sweetspot

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



901D5A



BA8DA5



531D90



5E4352



DEDEDE



5E5E5E



# Same Dimension

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



901D5A



BA0766



901D21



474044



870048



080004



# Inverse Universe

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



901D5A



BA0766



1D908C



474044



870048



080004



# Previews

## White Background



This preview shows how the Hex color 901D5A looks on a white background.

## Color Contrast Check

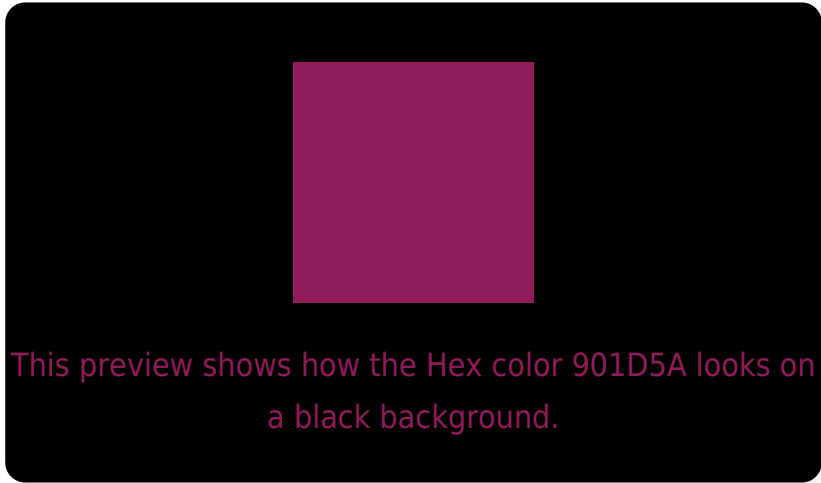
Large Text (above 18pt) WCAG AA ✓ Pass

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 901D5A Background



This preview shows how black text looks on a background with the Hex color 901D5A.



This preview shows how white text looks on a background with the Hex color 901D5A.

# 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**  
8D2B2D

# Trichromacy



**Original Color**  
901D5A

**Protanomaly**  
5C3C6E

**Deuteranomaly**  
6A3C56

**Tritanomaly**  
8E263D

# Monochromacy



**Original Color**  
901D5A

**Achromatopsia**  
464646

**Achromatomaly**  
61374D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 901D5A 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 #901D5A looks like.

```
.text, #text, p{  
    color:#901D5A  
}
```

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 #901D5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #901D5A
}
```

## Border

The CSS property to change the border of an element to Hex 901D5A is called "border". The border property can be set on classes, ids or directly on the HTML element.

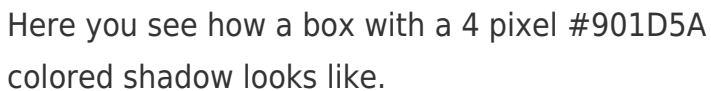
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#901D5A }
```

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

```
.border{ border-color:#901D5A }
```

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



Here you see how a box with a 4 pixel #901D5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #901D5A; -webkit-box-shadow:4px 4px  
4px 4px #901D5A; box-shadow:4px 4px 4px  
4px #901D5A }
```

# Background

The CSS property to change the background color of an element to Hex 901D5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#901D5A }
```

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

```
.background{ background-color:#901D5A }
```

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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